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<210> 13446
<211> 1232
<212> DNA
<213> Aspergillus nidulans

<400> 13446

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<210> 13447
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13447
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13448
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atgtccaatg actagtaagc gcgacgtttg gaaaattcat acaagggtcac tggttcgtgg 240
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<210> 13449
 <211> 692
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13449

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 aggaaggccg cgacacacac caaacaacaa ggcaaaaaca acaaccacaa accaaacaaa 180
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13450

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 aaacagcacc 130

<210> 13451
 <211> 127
 <212> DNA
 <213> Aspergillus nidulans

<400> 13451

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<210> 13452
 <211> 946
 <212> DNA
 <213> Aspergillus nidulans

<400> 13452

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 aggcaacgta tttgtccacg acatcttgac accgatgttt atcgtcactg gcgttctaata 180
 tagcgtccaa agttgcacca ggggtctgtc cttcactcac agagcagcaa ataccagccc 240
 aagtttgatt acaacctctc gatactgctc cagggtactga attccttgtc tttcatagag 300
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<210> 13453
 <211> 99
 <212> DNA
 <213> Aspergillus nidulans

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 gaaaaaaaaa aaagaatgca ataataaaaa aaaaatccc 99

<210> 13454
 <211> 1279
 <212> DNA
 <213> Aspergillus nidulans

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 cgctagccgc aactccgccc tctgtcacga ctttctgtcc cagcaccgaa tctcacctat 180
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13455

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<210> 13456
 <211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 13456

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<210> 13457
 <211> 610
 <212> DNA
 <213> Aspergillus nidulans

<400> 13457

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<210> 13458
 <211> 918
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13458

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<211> 1128
<212> DNA
<213> *Aspergillus nidulans*

<400> 13459

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<210> 13460
<211> 109
<212> DNA
<213> *Aspergillus nidulans*

<400> 13460

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<210> 13461
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13461

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atgaccaact ggttgagg 138

<210> 13462
<211> 969
<212> DNA
<213> *Aspergillus nidulans*

<400> 13462

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 cgccgcaaac acgcacagtg gtatcattgt tcagcagccg cagtctttgc cagcgttgcc 180
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13463

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 cagaatatct ggcgttacgt cgccggcaga gttttagtag aaactacgca ctgccatcg 780
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<210> 13464
 <211> 1529
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13464

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 aacgatttta gcaccacact tcctccaagc tcagtagtgc catgattgaa gattccgaag 840

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 13466

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<210> 13467

<211> 997

<212> DNA

<213> *Aspergillus nidulans*

<400> 13467

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<212> DNA
<213> *Aspergillus nidulans*

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 <211> 768
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13469

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<210> 13470
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13470

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<210> 13471
 <211> 510
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13471

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<210> 13472

<211> 1678

<212> DNA

<213> *Aspergillus nidulans*

<400> 13472

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 <211> 617
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13473

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<210> 13474
 <211> 713
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13474

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<210> 13475
 <211> 514
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13475

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<210> 13476
<211> 664
<212> DNA
<213> Aspergillus nidulans

<400> 13476

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<210> 13477
<211> 1009
<212> DNA
<213> Aspergillus nidulans

<400> 13477

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13478

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<210> 13479
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<212> DNA
<213> Aspergillus nidulans

<400> 13479
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gtgcgccgat acttgggtgg gtgtccgggg gctctagga gcgcttgagt tcagagcacg 180
attggtactc agactcatcg gttatgtgcg caagactctg ttgcttgata tatacttctg 240
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ttttacagg 309

<210> 13480
<211> 469
<212> DNA
<213> Aspergillus nidulans

<400> 13480
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agaggaccgc gctccgacac ttgcaaaggt cttcaaaaag gatatggatc gctagaacac 180
ataactcgtt tgcttctcag ccacaacggt tatctgccct agactctgct ggatgatata 240
tacagactgg aatgacactc tggatttgct agatcggaaat gcacctgatt actaacacga 300

ttgcgcgacc tttacagcaa gccaacgagc tgtctagcga ggcatgaaaa ccctaggctg 360
gaaaaacgcat tgaactacct gactggagcc gaggacgcca cagcatagta gtcattcagc 420
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<210> 13481
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<212> DNA
<213> Aspergillus nidulans

<400> 13481

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gacacaccca ctcaaactac catgggaatc gccgagatc aacaatgtac tattgggtgt 180
gcacttcatt ggaagacctg ccttaggact gatgttagcc tggatcatt ttgtaatggc 240
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<210> 13482
<211> 556
<212> DNA
<213> Aspergillus nidulans

<400> 13482

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tcaaattaca actgctggct cggaaggac aggcgtggat agagaggaaa tgtccggcag 180
ttttgatgct cgaagattcg gaggaaattc atgacacata tgggtttgta agcgcgaggg 240
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atttaacagt cgcataacag gaggtctgta ttcaaggggtt gaggcataagg gcatggggcgg 420
 ctggcttttcg atagttgggtg cgggtatacac ggggttggttg taccactgg catgaacca 480
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 ggtgctgttg ctgatg 556

<210> 13483
 <211> 682
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13483

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<210> 13484
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13484

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ggatagaatg agaaatatga tgtcgcatgg ctaagggcgt ttgccctgaa cttcgagaag 180
 aagatatcta agaacgcaga gctgcgtggg aaatttgaga atgatacctca aaagtacggg 240
 gctgtggatt gccaggggtgc atgagctgac aagtcacaga ttcattggcct ccgaagccga 300
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 attcgcgaag ctgggctgcg tgggctctct agtatctctc ctttctcatg agaacgccga 420
 tatcgtatt gatgcaatcc aaatcattag tgagttaact gatgaagatg tggaagcgga 480
 gcaagagcat tgggacagct tagttaatgc aatgggtacgt tctgccggct tagcttcagc 540
 tgtatactaa caaatttagt tggattgcga tctcatcgaa ctacttgccc agaatttgtc 600
 acgtctaaac gaagaagaag aggcagacag agcgggagta tactatgttc tcggtgggtg 660
 acggtcctcc attgaacaga ctgtggctaa ctcttagcta ggcgtgtttg aaaatctttc 720
 ttctcaggtg catatcgag agaagatcgg tgaagattca aacatcatgc cgtggcttct 780
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<210> 13485
 <211> 286
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13485
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 cgcgatcaa tccagcctga gcactccatt tgaggtatca gtgaggacgg tttggtcact 180
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 cctgctatgg gacgccatgc gctcccaggc gtcagggtcc gagctc 286

<210> 13486
 <211> 398
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13486
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tatttgccca ttaagttgta acggaaaaaa ataatgtgat tgacgtccag atggataggc 180
 agattagtcg gcacatatcc agacgttggg ttgatcttgc gaacgtggag gaccatggca 240
 agagcacgcc ataggaacaa tgtaactgat ctacagcgat gaacagcgta catctgtatg 300
 gccggagAAC atcatggcga gacagtaagt cgtaggccta gacgcgagta gtcggtgtgg 360
 ggacaggcag ctgtcttgat agttcgtact agcgtggc 398

<210> 13487
 <211> 870
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13487

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 cagccagcga atcagaaaac cgccgagagt ttgctatgat ctcaccatcg ttaccaccaa 180
 acccgcaagc gtgctggggg gggcctcagg ctgaggcgca ggctcagtcA gAgtcCAAac 240
 tcagcactgt caggcagagc agtgagcaca gagcacacac ctggccaggc ttccttcccc 300
 cacaggggcc accacaaagc cacggtgcgg ttccaccagt gcgcccagcc ttgctcgaga 360
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 gatgcgctct gtgttctagg atggaccgag ttctagagac cgttctatct tgcctcgctg 660
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 tctaccactt acatctctag tctcagcaga ttaaggaggc ctgtatagtg catgtttcag 780
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<210> 13488
 <211> 163
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13488

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aagaacacag ttctcaatgg ccttattagc ctccctacgt tatcaacggc attatcaggc 120
tactgtccca ttgacggcgt gtctgtaaaa ttaaaccatg gga 163

<210> 13489

<211> 468

<212> DNA

<213> *Aspergillus nidulans*

<400> 13489

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aggctgttcc cacagtggat acactgttca ttggcgatat ggatcgattg actccagtgc 180
tccttgactc gacagactca acggataaat gctgaatcct ctgctgctgc aggatgcggc 240
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cttacacagg atactaagga ccttgcaagc ggtgaatctc ttgcattagg cctgacactg 360
aacatgagac atgcagcctg gacacgagga caccaaaggc aacgtgaagt tgttgctcat 420
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<210> 13490

<211> 909

<212> DNA

<213> *Aspergillus nidulans*

<400> 13490

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gatcggttcc acctcttcgg ccatcacagt cccagggcat cgctcgtct ccatctagcc 180
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ttcagtctct gaggtgcgg ttgcctccgg gctcctcga cgatcgccc ctacttctcg 480
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 taaggagaag gaaaagggtc tctcccgtag tcgtccagc tggcttctc ctaaggatca 840
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<210> 13491
 <211> 1198
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13491
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 ctcaatatat tccgtactgc ttcaggaaca gactcaggac atcgaatctc atctatagtc 240
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 ccgtcgtgag atgctgtctt tgttgtctgg ggagttgggg atctattgtc tttgcttacg 360
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<210> 13492
 <211> 768
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13492

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<210> 13493
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13493

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<211> 423
<212> DNA
<213> Aspergillus nidulans

<400> 13494

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cca 423

<210> 13495
<211> 570
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13495

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aacaccaata acctccgcaa acgcatccct tattaccccc tccaatatac acacccattc 480
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 <211> 1443
 <212> DNA
 <213> Aspergillus nidulans

<400> 13496

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 agctgaattt ggtgccatgg atcttgtgcc ctttagtaat agatagaaag caagtacaga 240
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gac 1443

<210> 13497
<211> 484
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13497

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<210> 13498
<211> 1246
<212> DNA
<213> Aspergillus nidulans
<400> 13498

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<210> 13499
 <211> 520
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13499

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<210> 13500
 <211> 784
 <212> DNA
 <213> Aspergillus nidulans

<400> 13500

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 cgggtgtcgtc atgatgtacg tactcccgca ccattggggg ttcatactct ttagcggcgc 180
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 aagacctatc ttactgggtt tgaccgtgtg tcattaatac attttttacg acttttttagg 720
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<210> 13501
 <211> 294
 <212> DNA
 <213> Aspergillus nidulans

<400> 13501

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 tggtttcatg gtgcggggaa gatactgcac atgcggagag ttagtgttac gaggttccag 240
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<210> 13502
 <211> 1569
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13502

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<210> 13503
 <211> 207
 <212> DNA
 <213> Aspergillus nidulans

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 aagtgatgct ccgttggaac gactgct 207

<210> 13504
 <211> 192
 <212> DNA
 <213> Aspergillus nidulans

<400> 13504
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 cactaagtag ac 192

<210> 13505
 <211> 835
 <212> DNA
 <213> Aspergillus nidulans

<400> 13505

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 ccgcgtaaga gcaactcctt tggacgattt caatgggtct tcacaccaag gatactccgg 720
 agatttcgat tacgaaacgt caatatagga aaagaccgtc cgatgcataa aatcccccg 780
 ttccttcctg actcagcggg gagatagacc aatattatgc cacaaaacat cgata 835

<210> 13506
 <211> 338
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13506

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 gatcgtctag tctctaatat gtttgctgtg gccagcttcc ccggactcag gcgtcatctt 180
 agggaacctc accctttaag tgtaagaagc ctgcgtgggt ttgttcctc tcccatgaac 240
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 attggtggcc gaatataatg cgtagaatc cgcgctct 338

<210> 13507
 <211> 223
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13507

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cgaccctca accagcatga caggtgagga tgggagcctg caccagttg cggattaaag 180
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<210> 13508

<211> 595

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13508

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<210> 13509

<211> 495

<212> DNA

<213> *Aspergillus nidulans*

<400> 13509

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aatgcccac gtgcacagga cttccaccac cgaatccaat cgatgatgct gatacacaga 180
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gggaagtcac atccgactct ggaggaacgg agtgggacct gatgctgagg agaaaactga 300
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 cttacggtac cgatggtaca ctttcgacca cgctgataaa gagaatgcag aatctgaacc 420
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<210> 13510
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13510

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<210> 13511
 <211> 767
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13511

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<210> 13512
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13512

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<210> 13513
<211> 498
<212> DNA
<213> *Aspergillus nidulans*

<400> 13513

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<210> 13514
 <211> 883
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13514

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 tttatagcaa cgtctaccat acaagtccgg tctacagcgt ctagctagga gtttcggtca 840
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<210> 13515
 <211> 1556
 <212> DNA
 <213> Aspergillus nidulans

<400> 13515

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<210> 13516
 <211> 572
 <212> DNA
 <213> Aspergillus nidulans

<400> 13516

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 gggctgacct cacacatatg gtagaacccc ttacatgaaa aagcacctac tgctgaggcc 240
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 aacctggaac ctgatgtgag atggacattc ctgaaggctg gccattgaca ggtctctcgg 360
 agccagagac actctatggc cgacacttac atagctcgtg atgcatgggc tattggacag 420
 gctagctagt caaggccctt atctgcgtgc ggagattcat aataacgagt ccgataccca 480
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<210> 13517
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 13517

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 gagattcttg ggtcgagacg cttcccttcc caggcccagt aataccacgt gatcatccag 180
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ctctcgaaac cactggcctt gtcattgttcg gccgtgacaa agcacgtgcg gcctcttggt 420
 accagacgac tggttcgctt caggacttta tgctgctttc gatgttatgg accatgcagt 480
 ctgtgaccca gttactcacc ctctgtgcag gtttcagcga ttttacctga cccctagtgg 540
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<210> 13518
 <211> 1322
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13518
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 ggggtggacta tggtcgtgca gcattcgtcg ttaatgacgt tcgatatggg agactacttt 180
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 atatattcct taacctggga ttttgatcg tctgtagcc tggtaaatgt ctcaacaccg 1260
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 tc 1322

<210> 13519
 <211> 648
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13519

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 ggcacacgac caagcctctc acgttgata ttttgacaac accccatttg ggaggccctt 180
 tgagattgac caggctacca atcgcatgt aaccagggtt tgtcgtttta tcaacgcttt 240
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 ggtggtgcaa aggcgagggt tcagtgcact gagaactgcg agacacaagt tcagtctcgt 360
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 cgtcctggta gggccctgag tgtatctgaa gtgaggtcct caaagactcc atagaaggaa 480
 actcggaac gctgggggta atgtcactag acgataaata aggagcagtg ttactgtcag 540
 gaaaaccgtt gatggaaacc acatctccgt cgctttgctt gtaagagtgc caggcacgac 600
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<210> 13520
 <211> 477
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13520

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 tgcgctgcgg aagggttccg ttctgtcat gcattactgc agaacataat aaggcagccg 180

tatcaaacat aagaaacggt gcgaaatgga atttcgcatt cagtggtagt atatgcttnn 240
 nnnncnnttt tttttttttt tttttttttt tnttgTTTT tttttttttt ttnttttttt 300
 tttttttttt tttttttttt ttttttnttt tttttttttt tttttttttt tttttttttt 360
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<210> 13521
 <211> 561
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13521

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 gcttcggggc ctgacgatca gcgtgcagta gacagaaata tggctactct gcggtgcccc 180
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 caagctaggt ttgactgctg cgggcagcta ggccacatca ggcaccccag tgcgtagctt 300
 caggctggtg tcgggcgacc gtacggaatt acagacgctc ggttctactg gcaggagcta 360
 ctcgaggaga ctactaaccg cgataactca gcagctaagg ctgagaccga tcgctgacat 420
 gcgcgacagg cttgcgggct acgccgagcg gggcccgggc cctggagatc tcgcagaggg 480
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 acggatgctg tgctgacagg g 561

<210> 13522
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13522

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 tcctctgctc gtgtgatgtg gcaaattcac ataccgtgtt tatgatcaag taatgctatt 180
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agggtcccca catttataat taattcttgt ataaatatct tcttatccct gtttttttgt 300
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 ggtgggttttt ttgtttatta ttgtacatta ttggtatata gtatttttta ttactttatt 420
 tctatacggt tatcttctgt aatatttatt tatctttttt ttttattgta ttttaattat 480
 cttattccct ttctcttatt gtttgattgt tctttgtcat ttttttcttt tttttcatta 540
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<210> 13523
 <211> 637
 <212> DNA
 <213> *Aspergillus nidulans*

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 gactaacggg agggctgtac gctcgttagg gctttatggg tgctttttct cgtgtgttcg 120
 ccccccctcag ttatacactt ttttgagtct cttttatatg ttttttggtta tgttttcata 180
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<210> 13524
 <211> 478
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13524
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 ccgaaagtct tctccctgcg ggtgctcgcc ccaagaatcg tcttcagggc actcaggatg 300
 gaagcgcagg actacactct gtagacgagg cagtcgactc agtagcccaa gtagaacccc 360
 aaagattcac ttgtctcatc tttacccatc cacagttgtg gctgagcatt gtcagtcttt 420
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<210> 13525
 <211> 326
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13525
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 ccagctgctc gcaaactcagc catgaggaag tgcagatagt tctgcctaca tgaccgcgtg 120
 tatgcatcat ctctgcagca aacgatcggc tgctacttgc ttcaagtagt aagacgctct 180
 actggacctt caatgtttgc tagaatcgga cacttcaagc tgacaatcaa tgcacagacc 240
 atgcatgaga gtttgtcccc taggagcagg gccacacac tgcttgata gatgcgagtg 300
 ctatgtatga ccacgcttat atcagc 326

<210> 13526
 <211> 765
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13526
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 gcgctcgcca tactcctcgt ataggctccg actgtgaatt gcaggtaatg tttcgggtata 180
 gcggccaccc taataggccc cgttggtgac atcgaattca taatgctgat attgtttatt 240
 gttgaaaagg tgctgtcaat tctgacgaac tgtacttagt caagataaga tgttgctttg 300
 acatacataa ggagttgact gggactgcaa ctttttttgt atttatatat gccaaactaaa 360
 taaaagacc tataaaaaaa attcaaccag aggcaatctg aggcaggaat cggaactctc 420

agggctgagt acccgcacac aggagtcaca cgctcgccgc cgaacagaac ttttcattca 480
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 cgccctacct tacggagcgt tacaaatctg gatactccat ttagcattga gtaggggcat 660
 aaaacaaata tagttcaatc atatcaggtg tgtttgaaat atttagcttt agcagaagcg 720
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<210> 13527
 <211> 421
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13527
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 gggagaccgc agatcccact gagactagcg cgggcgctgt tgtgagcgcg aaggccgtgg 180
 gcgttctggc gcttctgggt ctgagcagtc ttggggggct tatactctag ggcccggcag 240
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 accgcatttg taactccttt ttcccttctc tcgattgggc agtttgctac ctcgatattg 360
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<210> 13528
 <211> 830
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13528
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 tttcacctca agctagggtc tatctccaga gccgaccgca tcgtcccat caccggtctg 180
 ggacagcttg acatggatcg tgctaattct agcgccgagc ttgaattcct tgactgtcag 240
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agagcgtttt cgcccttgcc ttgtcctcg ttttggctct gcacctgtag cggcggtgtt 360
 tcgggcgaaa tgcgtcgagg ctgttcggag agcacgctgg ccgtgtagcc gccgtgaggg 420
 actacaggag gtcagtttcc gtgggtgagg tgtgtcaggg gggaaacgag agctcatacc 480
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 gcagactgcc gttaaaaaag gttcttcggt gatcattcat tgagagagac 830

<210> 13529
 <211> 1013
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13529
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 ggaacatctt tctccagcac agtcccgttt ccaaaaacag tcccgttctt cagcagctcc 180
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 gccgacgctg gatagatgcc gtcagaagggt gaagagcttg ggacgccgga gggaatattg 780
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<210> 13530
 <211> 1085
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13530

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 ccaatgtcga gctggaactt gccgttaagc gtaatcaaga acttgagaga accaacgcta 180
 cccttgatag acgactgcga cgagccaaga agctcattga gcaagaacaa gaccgagcag 240
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<210> 13531
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 13531

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<210> 13532
 <211> 1144
 <212> DNA
 <213> Aspergillus nidulans

<400> 13532

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 cccgaagat ttcgtgatcg aacaggaagc tgaggatgaa ttcgagtgcg tgactgtcga 180
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 gaccgctcat agagtactaa ccaatgcagt ccgtcctctg gcgcaacggc atcgagacct 1080
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<210> 13533
 <211> 530
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13533

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 aatgtaccca gtttcgctta gtagacaagg gggacaagtg tgccaatcgg taggattcct 180
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<210> 13534
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 <213> *Aspergillus nidulans*

<400> 13534

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<210> 13535
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13535

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<210> 13536
<211> 1185
<212> DNA
<213> Aspergillus nidulans

<400> 13536

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<210> 13537
 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

<400> 13537

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<210> 13538
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13538

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<210> 13539
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans

<400> 13539

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<210> 13540
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13540

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<210> 13541
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13542
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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*
<400> 13543

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<210> 13544
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13544

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13545

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<212> DNA
<213> *Aspergillus nidulans*

<400> 13546

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<212> DNA
<213> *Aspergillus nidulans*

<400> 13547

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 <213> *Aspergillus nidulans*

<400> 13548

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<210> 13549
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13549

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13550

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13551

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<213> *Aspergillus nidulans*

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<210> 13553
 <211> 482
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13553

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 <211> 800
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13554

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<210> 13555
<211> 323
<212> DNA
<213> Aspergillus nidulans

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<210> 13556
<211> 600
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13556

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cgttgaaacc ctcgtecccc cttcnngnta gttcattttt ctttaagattc tcntttttgg  180
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<210> 13557
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13557

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atgggagggg tgatcccagg agacttcccc ttgcagatgg attcggggaa atcaccctga  180
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aaccaaagga ctggtcgaat taagaccgga tcgccggccc gtgtcattgg tctccgtcac  480
cttgagcttt ttcgaaactc tcacaactgt tcccattact aaaatctaataaatatttgaa  540
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 <211> 942
 <212> DNA
 <213> Aspergillus nidulans

<400> 13558

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<210> 13559
 <211> 427
 <212> DNA
 <213> Aspergillus nidulans

<400> 13559

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<210> 13560
<211> 526
<212> DNA
<213> Aspergillus nidulans

<400> 13560

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<210> 13561
<211> 1260
<212> DNA
<213> Aspergillus nidulans

<400> 13561

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 13563
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<213> *Aspergillus nidulans*
<400> 13563

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<210> 13564
<211> 789
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13564

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<210> 13565
<211> 512
<212> DNA
<213> Aspergillus nidulans
<400> 13565

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<210> 13566
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 13567
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13567

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 <212> DNA
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<400> 13568

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<210> 13569
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 13569

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<210> 13570
 <211> 1145
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 13570

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<210> 13571
 <211> 618
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13571

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618

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<211> 829
<212> DNA
<213> Aspergillus nidulans

<400> 13572

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<210> 13573
<211> 553
<212> DNA
<213> Aspergillus nidulans

<400> 13573

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<210> 13574
 <211> 497
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13574

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<210> 13575
 <211> 461
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 13576

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<210> 13577
 <211> 1145
 <212> DNA
 <213> Aspergillus nidulans

<400> 13577

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<400> 13578

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<210> 13579

<211> 1662

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13579

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1662

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<211> 120
<212> DNA
<213> *Aspergillus nidulans*

<400> 13580

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<210> 13581
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<213> *Aspergillus nidulans*

<400> 13581

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<210> 13584
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13584

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<210> 13585
<211> 549
<212> DNA
<213> Aspergillus nidulans

<400> 13585
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<210> 13586
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<212> DNA
<213> Aspergillus nidulans

<400> 13586

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<210> 13587
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 <213> *Aspergillus nidulans*

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<210> 13588
 <211> 1225
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13588

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<210> 13589
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<213> Aspergillus nidulans

<400> 13589

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<210> 13590
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 13590

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<210> 13591
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13591

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<210> 13592
 <211> 356
 <212> DNA
 <213> Aspergillus nidulans

<400> 13592

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 aagggaacg cccaacgag cagtggaccc tcacgctaaa tgaccgtaaa gcggggcatc 180

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<210> 13593
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<400> 13593

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<212> DNA
<213> *Aspergillus nidulans*

<400> 13594

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<210> 13595
<211> 557
<212> DNA
<213> *Aspergillus nidulans*

<400> 13595

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<210> 13596
<211> 348
<212> DNA
<213> Aspergillus nidulans

<400> 13596
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<210> 13597
<211> 533
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13597

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13598

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 <213> *Aspergillus nidulans*
 <400> 13599

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<400> 13600

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<210> 13601

<211> 541

<212> DNA

<213> Aspergillus nidulans

<400> 13601

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<210> 13602

<211> 819

<212> DNA

<213> Aspergillus nidulans

<400> 13602

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 <400> 13603

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<210> 13604
<211> 554
<212> DNA
<213> Aspergillus nidulans

<400> 13604

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13605

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<210> 13606
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13606

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<210> 13607
<211> 977
<212> DNA
<213> Aspergillus nidulans

<400> 13607

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 <211> 611
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 13608

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<210> 13609
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 13609

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<400> 13610

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13611

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13613
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 13613

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<210> 13614
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13614

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<210> 13615
<211> 889
<212> DNA
<213> Aspergillus nidulans

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<400> 13617

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<400> 13618

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13619

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<400> 13620

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<210> 13621

<211> 1454
<212> DNA
<213> Aspergillus nidulans

<400> 13621

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<212> DNA
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<212> DNA

<213> *Aspergillus nidulans*

<400> 13625

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<400> 13626

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<400> 13627

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<210> 13629
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 <213> Aspergillus nidulans
 <400> 13629

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 gcagggctga gcatgaccgc tgatgcaagg gccgcttact tggggacctt gctagcctca 480
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<210> 13630
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<213> Aspergillus nidulans

<400> 13631

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<210> 13632
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<212> DNA
<213> Aspergillus nidulans

<400> 13632

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atatttagta tctgtgctgc cactggattg atcacttgat cttcgcgcag ggtctactgt 180
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<210> 13633

<211> 571
 <212> DNA
 <213> Aspergillus nidulans

<400> 13633

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<400> 13634

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 <213> *Aspergillus nidulans*

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<210> 13636
 <211> 530
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13636

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<210> 13637
 <211> 448
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13637
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 aaaaaacccc cagcaaagga caggcctgat caagacacaa acccccggac ggacagggca 180
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<210> 13638
 <211> 454
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13638
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tactctgcag gatcctccat agatgctgct tttagtggtc agaggggcct ggctgagatg 180
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<210> 13639
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13639

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<210> 13640
 <211> 409
 <212> DNA
 <213> Aspergillus nidulans
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 acggattggg ggaattcccc ttttcttggg gaaacccctt gggtttgggc caaccctttt 360
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<210> 13641
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13641

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 <211> 927
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13642

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans
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<210> 13645
 <211> 1253
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13645

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<210> 13646
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<212> DNA
<213> Aspergillus nidulans

<400> 13646

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<210> 13647
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<212> DNA
<213> Aspergillus nidulans

<400> 13647

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<210> 13648
 <211> 561
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 13648

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 gtatagaagc taccaggttt tgctagataa tttcaaagag aaaatagtat agcgttcatt 180

gtcttaataa tataatatat tattatgatt gatttttagag ctctaaagac ctctatagaa 240
aataaaaaaa aaaataggat aatataaatt aaatcgtctt actataatcc aataatataa 300
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<210> 13649
<211> 711
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13649

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<210> 13650
<211> 970
<212> DNA
<213> Aspergillus nidulans

<400> 13650

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<210> 13651

<211> 611

<212> DNA

<213> *Aspergillus nidulans*

<400> 13651

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<210> 13652
 <211> 962
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13653
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 13653

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ctaacatcat tctTTTTacc tctatatctc actctcgaaa atttaaaact ctatttctag 420
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<210> 13654
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13654

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<210> 13655
 <211> 1145
 <212> DNA
 <213> Aspergillus nidulans

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 ttctaattaa tagtattttg taggatgaac agggcatgat taggagttgc accggttaag 180
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 cccttcgcgc cagctgctcc attgctgcca ttgccgcttc cacgcgccat tttccagctt 720
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<210> 13656
 <211> 504
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13657
 <211> 589
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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ttttatttat atctatatatt tctcttatta nnttgttttt tttctttatc tatttctttc 540
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<210> 13658
<211> 667
<212> DNA
<213> Aspergillus nidulans

<400> 13658
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tttataaata taaaataata taataataaa tttataaaaa attataaaaa aaataataaa 240
aattttataa tttatataaa acaaattaat ttatatttta aataattaaa ttatttaata 300
taattattaa agaattgctt attacatata tatataatat aaatattata catatatatt 360
atttataaat atatcatttt tataataaat tattttatat tatattatta tataatatta 420
aaatataact tattaattat ttttataaaa aatattatta taatatttta tcattaataa 480
tgtataaata ataaaataat taaactaata taatttataa aaatttaa at ttatttttaa 540
taattatttt taattaaaat tataatataa taatacaata ttatatattt aataataaat 600
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<210> 13659
<211> 526
<212> DNA
<213> Aspergillus nidulans

<400> 13659

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<210> 13660
<211> 540
<212> DNA
<213> Aspergillus nidulans

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<210> 13661
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 13661
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 aattttttaat tcacgctagt ggctacgaaa acaatacctg ggcaagggca ccagtagaca 240
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<210> 13662
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13663
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13663

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<210> 13664
<211> 526
<212> DNA
<213> *Aspergillus nidulans*

<400> 13664

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gattattatg tggcaggagt caccgagact agcctttttg gtattaaggg agcacatata 360

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<210> 13665
 <211> 419
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13665

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 acggcttcta aaggcgggga catcgaggat ttggcaggtc gcttgaaaat tgcccccttct 360
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<210> 13666
 <211> 907
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13666

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 gccgcaaaag gcacgaacga gcagcgacag caacaaccac ggactccagc aacagacagt 240
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 tacgtttact atttctcga tcttttatgc ttctttactt ctttgcttcc ataacnnacg 420
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<210> 13667
 <211> 578
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13667
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 acgttggtct catgaaatgt tctggaccgc atgatgggct aagccaattt gaacctcata 180
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 aacaactact acacgcacgg ttgattcaca gtcgactgga cgtgatacgc cggaactgaa 480
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<210> 13668
 <211> 980
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13668

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tcgatctata cggctctggat cgggtactac cataaacggt atgaactgag cagcatgcag 780
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<210> 13669
<211> 961
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13669

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aaaaagaaaa gagaaaaaaa aagagaagaa aaaaaaaaaa aaaaaaaaga aaaaaaaaaa 180
aagaagaaaa agaaaagaaa aaaagaggaa aagaaaaaaa aaaaaaaaaa gaaaaaagaa 240
aaagaaaaaa gaaaaaaaca caaaaaaaaaa aaaaaaaaaa aaaagagaaa agaaaaaaa 300
aaaaaaaaa aaaagaaaaa agaagaaaaa gaaagaaaaa aagaaaaaaa aaaaaaaag 360

acaaaaaaaaaa agaaaaaaaaa aaaaaaaaaa caaaaaaaga aggagaaaaa aaaagaagca 420
 aaagaaaaga aagaaagaag aaaagaaaaa aaaaaaaaaa caagaaagag aaagaaaaga 480
 aaagaaaaaa aaaagagaaa ggaaaaagaa aagaaaaaag aaaaaaaaga agagaggaaa 540
 aaaaaacgaa aaggaaaaga gaggaaaaga gaaaggaaaa gaaaaaaaga gaaaaaaaga 600
 aaaaaaaaaa gaaaaacaag aaacacaaga agaaagaaaa aaaaaaagag aagaaaaagc 660
 accgaaaaaa aggaaaaaga aaaaaaaaaa ggaaaaaaac aagagaaaga aaaaaaaaaa 720
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 agaagaagaa aaagagaaaa acaaaaaaaaaa aagaacacga agataaaaaa aaaaaaacag 840
 aacaaaacaa aagaaaatnn tattaaatag taaaagacca ggagaaagga aaaaaaaagc 900
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<210> 13670
 <211> 1025
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13670

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 aagagcgggtt aattcatcag gctaattaag caatgcgaca tcaatggata aagcccagag 180
 aaaccaaaga tacggtctat gtatcattaa tcatggagct acctgtgcat ccctatgggc 240
 ccttgccata atgtgtggta taccaagcca gggaggactg cctggattcc tacctgcttg 300
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 atgtttaaag tctccgcgga gctactgctt gcgtcaaata tacgcactat ctacgacggc 420
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 aaaaaggcag ggaagcccaa taaaagcaa ttcaacactt tagggtacct ctatactgtt 660
 caagctcata tgcacaacca ttctatcatt gcacactgaa ctctgagcag caaaattcat 720

tgtcatgtcc aaaattcgcg cacctaaatt tgtgtcggag gtgattcata ggcgagcaga 780
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<210> 13671
 <211> 499
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13671
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 ccttgggttt aggggtagc 499

<210> 13672
 <211> 1595
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13672
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 ttttaattcc tttctttagc tctcttcttg atttttttt ttttatatgt tttttttgtg 1560
 tatttattgt tatttggtac accacctccc ccccg 1595

<210> 13673
 <211> 1001
 <212> DNA
 <213> Aspergillus nidulans
 <400> 13673

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 tatgttgact gacaacaagc gcgaaatgtg ggccgactac tttgagcgca accagattga 180
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 caaggagaag gaagccgacg gagggctcga tcttcccagc ggcacaaaag ccccttctcc 360
 caagcgaacc aacatactag atgtggatga gcttgaggaa cttttccttt caaacgcgcc 420
 agatgcaaca aaagacgatg aagatgaaca agatgggtgat tccaaacctt gaaagacagt 480
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<210> 13674
 <211> 873
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13674

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<210> 13675
 <211> 879
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13675

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<210> 13676
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 13676
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 cgagcgtcga cgccgacttt ggcggtcctt ttagcaagaa tccggccttc gaaggaacag 720
 tagactgcaa ataatgcgc tgatgatcac caactgggga aagaggtcga tttgacgcct 780
 tggcggtatc ctccgtgcgt tctttgcgtt ctttgacctt ctacttcggg t 831

<210> 13677
 <211> 414
 <212> DNA
 <213> Aspergillus nidulans

<400> 13677
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 gggatagccc gtcttgacta cagctgatta tgtgatagct tagcggtcac gtgacaccag 180

ggcagccatt gtttactgtg caggcagatt ccgtcacttc aggtaagttc aggctgcccc 240
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 acacattttac gtacacggag ggctaccact tacattcggg tgctcgcgga tccaagcgca 360
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<210> 13678
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 13678

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 aatacctttt tgttgaccaa ctggtgcggg aattatctac atacatgttg ggaattgttg 300
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<210> 13679
 <211> 1009
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13679

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 aaggttgga tccgatcggt gaggtaagg atcggcgagg ccgcttcggg aactcattcc 360

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 cgggtgggttg gagtttggnn naggcgggaat gcgcaggagt ggtttttgcg gtagctcctg 720
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<210> 13680
 <211> 1089
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13680

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<211> 122
<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*
<400> 13683

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<210> 13684
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13684

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<210> 13685
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13685

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<210> 13686
 <211> 580
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13686

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 <213> Aspergillus nidulans

<400> 13687

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13688

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<210> 13689
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13689

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<212> DNA
<213> Aspergillus nidulans

<400> 13690

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<210> 13691
<211> 551

<212> DNA
 <213> Aspergillus nidulans

<400> 13691

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13692

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13694

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<213> *Aspergillus nidulans*

<400> 13695

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<210> 13696
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13696

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<210> 13697
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans

<400> 13697

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<210> 13698
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<400> 13698

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13699

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<210> 13700
<211> 381
<212> DNA
<213> Aspergillus nidulans

<400> 13700

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<210> 13701
<211> 1629
<212> DNA
<213> Aspergillus nidulans

<400> 13701

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13702

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<210> 13703
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13704
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13705
<211> 690
<212> DNA
<213> Aspergillus nidulans

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<210> 13706
<211> 1255
<212> DNA
<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13707

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<210> 13708
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13708

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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13709

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<210> 13710
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13711
 <211> 467

<212> DNA
<213> Aspergillus nidulans

<400> 13711

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<210> 13712

<211> 622

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 13712

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<211> 837
 <212> DNA
 <213> Aspergillus nidulans

<400> 13713

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gcagaagcag tacgttatgc gctcagcgag gttcaattcg atatcatcat gacagagttt  720
aagctcccg aagttaacgg ggccgacgta gcgcggatgg tcagagaaac ccgtagtgcc  780
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<210> 13714
 <211> 671
 <212> DNA
 <213> Aspergillus nidulans

<400> 13714

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gtttcacggc agcagtggca gccgacatga atttgcttat cgggttcttc gatttcgtgg  240
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gcacacaaag ctccgcacac gcgttaatga cgtccgactg tctcgggaac gcgtacttcg  360
  
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tcttgaatag aaagatagca cttccagggc aatgattgcc ctcgatcatg gcacctgcac 600
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caccttggag t 671

<210> 13715
<211> 441
<212> DNA
<213> Aspergillus nidulans
<400> 13715

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<210> 13716
<211> 682
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13716

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gcagtgccta accaccccct gggggggggg ggccaaaatc caccataccc gcaaacacac 180
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cactatagcc actgcagcaa atgggcaggg ggagtcacaa ccacagacga agaggccgca 360
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 cctaggatag cgaaaagcac ggcaaaactct caatcccca aaagaccgga cacaaccccc 480
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<210> 13717
 <211> 1062
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13717
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<210> 13718
<211> 874
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13718

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cggttaatat ctcagtatcg tgcccagaac ttcacggtcg ttgagcagat gaccgcggat 240
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catcactaaa taggaaacgt atatttggtc tgga 874

<210> 13719
<211> 1562
<212> DNA
<213> Aspergillus nidulans

<400> 13719

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<210> 13720

<211> 484
 <212> DNA
 <213> Aspergillus nidulans

<400> 13720

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atccgagcta cgtattgcta catacaagca cgcgctgggc tgatacgcca ctaaacgcgc 480
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<210> 13721
 <211> 647
 <212> DNA
 <213> Aspergillus nidulans

<400> 13721

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aaccggggg ggaacacaaa cccaatcac aagtaaagga aacaaggaga accgccgcga 180
acaaccaaaa gaagaccacc gcagaaaccg ccatggcgga accacacca aagacgaaga 240
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acaccggta ggaaaagcac gacgaacccc gggacgagga ccagcactaa cagaaggtca 480
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<210> 13722
 <211> 615
 <212> DNA
 <213> Aspergillus nidulans

<400> 13722

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 accggggcca tgaaccaaac tgcttggaac ggagatccga atggagcgta gcccatcgat 180
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<210> 13723
 <211> 734
 <212> DNA
 <213> Aspergillus nidulans

<400> 13723

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<210> 13724
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans

<400> 13724

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<210> 13725
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 13725

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<210> 13726
 <211> 1278
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13726

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1278

<210> 13727
<211> 409
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13727

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<210> 13728
<211> 1518
<212> DNA
<213> Aspergillus nidulans

<400> 13728

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<210> 13729
 <211> 719
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13729

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 ttcaggaaaa gacaaaggca aagggttggt gtgtgtagct ggtgacgcg cccatgcgag 180
 ttcgccgcac catggcgag gagcagggat tggcggtgag gatgcgcttg cactcattac 240
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 gacggcggcg ctgaaggcgt actcgatgt acggtatgag cggagccagt ggcttgtcag 360
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ggagaaggga tttgaggatg tcaaggagag gtcccatcgg atctgggatt ttgatattga 480
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cacgacattc acttggcttt gttcgggtac ttttccccgc ttcgacattt cttttatttt 600
agaagtaaag aattgatata ataattaatt tagctagccc cgatttactt caaaatctaa 660
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<210> 13730
<211> 556
<212> DNA
<213> *Aspergillus nidulans*

<400> 13730

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atgcgggagg tagaactcca cgccttgccg aagcggaccc atatgatcgt agctcttcag 180
ctgacctata gccgggcctg gggcagaaag gtgttctact acgacatgcc tatgcttctg 240
ggcgcgtggt ataaacaagc ccgacagggt gaggagcaca atcttgaggc tccaccaaatt 300
gggtcatcta ttccggattc cggcatatgc ccacaataat accagggtgag gaagggatgt 360
cttccccagt cataggggat tcctctgaca aacctttgca tggaacggaa acttgagcct 420
gtgaaagagt caggacgaat tcagggtctc ggggagacac cttggcttct aaaggatcat 480
acgcgacaga gggcttctgc gagcaaagta actatgtgga ggaatacaca ctatcttgga 540
tctcgtcttt tgcagc 556

<210> 13731
<211> 1297
<212> DNA
<213> *Aspergillus nidulans*

<400> 13731

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caaagatgag tggccgcggg cctcccagtg gtggtctggg aatggaggta gcaagttcgc 180
ttctcaacgg cgtcagggtc taccgcttcg tccacaacgc cgcgtaccaa gatgtccaga 240

gccagtttga cctctgctg gagtcaatgg atccgcaaag gatgatccat ctccttcagt 300
 ataatcetta ccacatctca acgctcctcc aagtgtcaga gatcgcaaaa caccaagggtg 360
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 cttggagaac tgcataatga tgggcgaagc tgctactgag cctggatctg aaagaccctt 600
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 tcgatctctg tacacagacc aggttatcgc aagagtggaa atacctgcc aacatccagt 720
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 gtgtggcaat gtcccgtat ccatgggtct tctgcaagct ggcccaggaa ctcgacatcc 840
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 ctcgatttcg ggccggtgat gaagaggacc atggaga 1297

<210> 13732
 <211> 446
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13732

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 cctaaagcat agatgcgctc cttttgatag gcgcctgag ttcgccgtgc gcccgaagga 180
 catccgatca atattccaag gccctgatgt gggctgtgca cggttgcgta cctgaacact 240
 acacactgag ctgaggtcct gtgccgagat ctatcttctt atcgactgtc tatcaccctg 300

taatctgctt gtctgagctc gggctcactg gaccctgagt gctgcacgtt tgtttgggcg 360
 gtgcgtccct actacgactg taatttctcg gtgacgaata tgattgactg accgtcgtac 420
 tcataaacat aactggcttg cccagt 446

<210> 13733
 <211> 650
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13733

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 gaagactgcc aggtctcatc gctgggcacg tagatcgttt tgccatcagc ggtggctata 120
 gagagtagtg agaggagacc gagagtgtcc ccgtagatat tcctcgtcat cgaccaggtc 180
 agcgcgccgg cgtaccagcc ctgccccacg gtgactccga tcgtgttgtc gccggtttgc 240
 agcagatccg tgacgtcgta ggtattgtat tcgtggcgat ggctgtatgc ttgccatcca 300
 ggcgccagga catggtcgcc aacgggctgg ccattgatct cagcctcgta gacaccaag 360
 gccgttatat agagtctggc ggagaggatc tcctcatcta catcgaagtc cttgcggaag 420
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 ctctgccaat cgtcttcgtc cagcagcccc ggctcaacag taacagggtc cgaccacggc 540
 gcatcgggct ggtagcgcg tccgaatgaa cgcacacgga cagtggcctc ctgccagat 600
 tgcagcgggt cgctcgcca gggcacgaga acagagtcgg atgaattgac 650

<210> 13734
 <211> 555
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13734

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 agccacatgg gtctaccctt tcaacctacc tatatacgac ccatagacac attgccattg 180
 tcagactata ccccttggcc cctaggctcc tccccaaaaa cagcacaatt gggcctggag 240
 cacaaccatc aatctcagcc ccatgggata tatcttatca attcctgaac atgcctcttc 300

agattccact aacttaaggg atttttactc cactactagg gtattaattc tatccatgcc 360
tccatctatc catgccctca tcctcaccaa cagcatatcc acaccttcgt gggctcgaac 420
aattcacctt gcgcccctaa acagaccata cctcaggatg gctccttctg acacctggat 480
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cctagatctt tgagc 555

<210> 13735
<211> 556
<212> DNA
<213> Aspergillus nidulans

<400> 13735

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cccctagcac aagtaaagtg atttcggcgt accgcttcga acagcccgtg gccggccatg 180
gcgcagaatg cgatggtgga accacatccc taggcgggga ggctggtcaa aacaagaagc 240
acgagagtgg ctggtgacca gacaccagtc tcagccgcat gggatatact atcctagtgc 300
aggcctcgac ctacaatgat ccacggaag gaagggatcg tacactccag tcctgaacgt 360
atttactgcg ccgaaacccc ttgccgctaa ccaagatcgt caacaggtag taaagctctg 420
ggaaatcttg taggaggcca gcgacaacac attggacaca gaattgatcc tacctggaga 480
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caggtaaagg aaatcc 556

<210> 13736
<211> 628
<212> DNA
<213> Aspergillus nidulans

<400> 13736

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atatacccg ggcggccaca ggacgactag gtcaggatg gggatgccgg aggacagtct 180
cgatcaacca atagatggca atggcataga atgctatggt ggaattacc caggagtggg 240

ggagtctgtt taacatatga cgatcgcgat tgtataggga ccaagcaccc gcggcgggccg 300
 catagaataa tactgcttag tgtaagcgtc acatatgagt ggtttgaagg aaggctgggg 360
 tcatcaactt aggccttaaa tattaactac tggaatcctt gttggctaac agatttttca 420
 agcgatagtg aggctgcggg cactggagg gggacagcta taacagttgc cacggattta 480
 ttattcctga ggagctgtca gtacacttga tgccctctgt cgagtcaaca aaatatttgc 540
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 tctgattcgc atcctgtggg gagatttt 628

<210> 13737
 <211> 207
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13737
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 ggcatgtgtt ccgttgcttt gggaatccta gctaacgtgc attaatgaac gccccgaatg 120
 gtccgcacct gggttttact tcgtgcgggtg acccctcaac gttttcgcag aaccaaactg 180
 actccgtccc ggaatctgac gggacat 207

<210> 13738
 <211> 1543
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13738
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 agatccgtct gtgcttgctg agaggctttc ttcgtctaaa gggatgatag agtatgaccc 180
 ttgctaccac tatcggcaac agtatcatgg cgttgatcat ctcaagtatc ttttacaaca 240
 tgaatggcac gaccgagaaa ttcttctcgc gtggggcctt gctattcttc gctattttgc 300
 tcaacgcatt ctccagtgc ttggaaatat tgactctctg gcagcagcgg ccaatcgtgg 360
 aaaaacacta caagtatgcg ctgtatcatc cgtccgcaga agcgatcagc tcaatgattg 420
 tcgacttgcc agctaaggta ctcgtgtcga tcgttttcaa cattatactt tacttcatga 480

cgaatcttcg acgcacagca ggccatttct tcgtcttcta cctattttca ttcaccacga 540
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 caatggttcc ctcatcgata ttcatgttga tcctcgttat ttataccggg ttcacaatac 660
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 gggcaagatt ccggcttttcg ccaaggtagt tcgacgtgac gaagaggatg caaaaacagt 1140
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 gtgcagccga cttggccatt ttgctaggtc ggtgctcaat cgtttggata ggttcggtgt 1500
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<210> 13739
 <211> 1093
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13739

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 ggccgggcca tcgttggcct cttgatctag ggctattcga aagacgcttc tggattttgc 180
 accgtctaac catagtggac cgtccagcat tgcccaagga taaaaggag agattttag 240
 aaagtgatga aggcgggttg acctcccatc tctattaagc ggccagtcgg ctggagattc 300

gcgtgtgcaa aggtaacagc gtgagctggg tgaggatata cgaggagcat gcgaaatagg 360
 aaatggcaaa agacagatac catagaaaag gtaccatagt caaatgaccc aagaaacgca 420
 acggaaacac accaaacatc acttcatcta ttgtcatcat tatatcacc catagttgaa 480
 gattattaca aacgatgtag acagtgtagg aagattggag gtctgggaca ccaatacgtt 540
 tgacattggc gagaccctta agtgccagtc tccaagtcca gactttgcct cggctacgac 600
 tagtggaggt aatgatctgg cgttcctgac tagtgtcggg gcgaaacgcg cactgtgcgt 660
 cagttcgcga atgatcaagc atgctaattg gaggtcacc aggctgatcg caggatcatcg 720
 gtgtcgttca tggatcatggc acatgggtcg cttttatcca gacaatcctc taatgcaata 780
 tggctactct gacctcttat aatgctgcat gacatctggg acggactctc gatccggtat 840
 cacaagcatg acaccacctt tgtgtagctc atggggcgct ctacgtttgc gagccctaac 900
 cgcggcgaag agactgggtc cttggggcttt tgcccaccgg aaattgtcaa caacaaaccg 960
 ttcccttacc cccaaaagga actgtggccc ccaataacca cctttttttt ttggggccct 1020
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 ctcgggggaa att 1093

<210> 13740
 <211> 823
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13740

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 gccttctgaa cggcgggtcaa atgacccccg agcaggggca acccggcgat accgcgagtc 180
 gccgtatccc atgctctccg tggacgaagc actgaggcaa gtttcagctc aactccgga 240
 gccggaggtt atcgagggtc cgggtgaatat tgacctcgtc ggatacgtta tcgcggaaga 300
 tgtttacgcc gccgaggcgg ttccagcata ccttgcaagt atcgttgatg gatatgctgt 360
 cattgtcctt gaatctccag atgacggaca cagtacaaag ggaatctttc ctgtggcttc 420
 tattaccac gccaatgagg agggagcgct agcaccgctt gagccaggca ccatcgcccg 480
 gataacaacc ggcgcttctt ttccgccccaa tgcgaatgcg ggggtcatgg tggaggatac 540

tttactagcg gcatcgacac ctgatggcag gaagaaacga ctgtcgagat ttaacctgag 600
agaacaagcc caatgagaac ctgcggaac cggaagcga tgtcccttta ggatcagatc 660
ctttaacggg gccctaatac cccctgtcgt gtgaaaagcc tgtggcggtc cgggccaggg 720
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ttagggggga tgattaaaag ctccctcttt gtttaaaaag ggt 823

<210> 13741
<211> 775
<212> DNA
<213> *Aspergillus nidulans*

<400> 13741

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tccgcttctt cctttcacag tatagtaa atagaagctgta gaacaacgcc agtgggtgat 180
gtccgtagaa tttcaagttt ctgaaaggca acgtagacg gtagctttgc tagcttactt 240
gcaaccgcca cagcgatgac aaggaggtcg agaggtcatg ctaa atgctt ggtgatgaaa 300
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gttgttctt agtgtcagtt cctttgggga tcgttcaatg atctccatgg ccaagagaga 480
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ggaaaagcct gagacttact aacggctgag cgagcgtaca gatgtacaaa tgctatcaag 660
atcttgatac cactgagtca ctttgccatg tccgacgtgg aacatatgtg aggatagtta 720
aaggatatcc gcatcactat tgtagactgg gtggattcat ttcagtatac ataag 775

<210> 13742
<211> 1086
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 13742

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 cactgaagat cgcacgctg taggagcgt ggacagcccc ttacagaact ctgacggaga 180
 ccttgtattg tggaggggat ttagagggg agtggagaa agnnnnnnnn nnnnnnnnn 240
 nnnanntggn ncannnnann aaaaaaaaaa aaaaaaaaaa aaaaanaaaaa aaaaaatttt 300
 aaaagattan aaataatttt tttcattta tttattattt tttattttat attatatatt 360
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 aatatatttt ttattaattt ataattattt attatttttt attatattat ttttaattat 480
 ttaattattt tataattttt tttatataat taattttatt taatttaatt atattttat 540
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 aattacattt ttcatacttt ttttctcaac tttcttctat ttcattatta ttaataattt 720
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 tcacaattat cattctcttt ttctacattt tcatactctt atattcacta tttctaattt 840
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 caccttaaat ttcaatactt atcatatatt tattttnnnn ggcgctcatc ttcattctct 1020
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<210> 13743
 <211> 417
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13743

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 catgtggacc cgtgcggaga gaagcatgaa ctggactgcg cgcgcataca tcattggctg 180
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 ggtatatgaa caggcatacc agagactcag aagccctatc acgagcgcac cttcgaaaact 360
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<210> 13744
 <211> 486
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13744
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 ctaattcttc ccggtcggca tctgctgaac tcgactttac tcggaactaa tgtagccact 180
 atgggacgat ttgtatctat ggctcccgcc aaccgatga tcgccgtac atgtcttggg 240
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 gatatgcgta cgtaccttga tccctttttt tgaaacctga acccatctga taaattcagc 360
 ccgtgttctc acggtcctca atgcgtactc aggtctcgcc ttggttgccg aaggctttat 420
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 gtcata 486

<210> 13745
 <211> 1656
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13745
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 gaagcctagc gcgccacgtt tgccgagaga atcatagtag atctgccccat catcagcaca 180
 cttgtcatct cccaaccact actgaaaagg aagtgtacct gtgccatcgg ctgccccatag 240
 acagtccccg ccgttttggc gacatccgga tccatgaccg cggccaggac actcagtacc 300
 agaaagccta acaagcacgc actccctgcy ctgaagagga tgccgcgggg cacggctttg 360
 ggccatccc tcgcctctc gtcatatgc acgcaggaat cgaagaagcc aatcgccccag 420

atgggcgaca tgaacgccag gacgaagttc cagcccgtcg gccagttgga gagattgtcg 480
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 gcgtagaggc cgtagattat cccgttgctg gcagaccagt tgccgtcgcg cgcaatcgag 720
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 atatgattcc ctgaatccca aatggcaggg agacgagaat taggacgggg gaagagtaca 840
 atcaaccgag caaatgcccc caatcaaccc gagcgtattg ctatatccca ccagaaagct 900
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<210> 13746
 <211> 1366
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13746

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tccgcggcat cgtccttaac cctaactgtc ttaccggagt caatgtggcg gttgaaggcg 180
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 acaacgctgt caccgacacc ggtgccgcct cctgctccgc tgccacgctg ttacatata 540
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 tcttagcttt ccagcaaact tgacttccat atccgcagag ccgaggtacg cctccctcc 1320
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<210> 13747
 <211> 492
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13747

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atggtggaag ggagtaatat cagcgacggg ggagtcctcc gcactctacg agaaggcgct 180
gttattgtaa caaccggcct gctatagcga gccctggggg gcgccacagg gcttggccgg 240
cctggcatgc tgccttacta tcaacggcat ctgggtcaag tgggaagaca cccagtcaac 300
ggttgagacc ctagecgtagg atgctgttac tcgcgctgat aagatatacc gctggaatcg 360
aatgatgacg ctcaactcaa cataaacacc ggtatctttt aactagagtg cgaacacaga 420
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tccgatgaac ag 492

<210> 13748
<211> 653
<212> DNA
<213> *Aspergillus nidulans*

<400> 13748
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gatgcaatag ggacgagagc catcggtgtc tatgagccgg agctcgaact aacctagagc 120
aggctgccgg acgaacatta tcttcaagag catgaacgcc ctagtttcac ttgggatgag 180
caggccgtcc attaccgacg atgtgtacct gaccgggagt atctgcgcct tctatgggag 240
caaccgtatt gtgacttata ggactgacca caccacaatg acgcatgctc actcacatga 300
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gccactcacg tgtgcgagtg acgaaatgga agctgtccac gatgatagag tccaactcct 480
ggacctgaac cattatacac ctgctgatga gcccaagata atgtgtgaac acagcctgtg 540
catataatca ctgttagtct aagcccttat cgaatatgcg cacatcgccg aatgcgccag 600
agatataccg aggctgcat cacaatcatg aacggccact tcacagaact gga 653

<210> 13749
<211> 1022
<212> DNA
<213> *Aspergillus nidulans*

<400> 13749
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 gtgctcaata tggtcgaacg agttgtcgtc gcggttcttt ctcagggggcg caccaccgcc 240
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 atcgttggca ggtgcggatt ggtaccaccg acagcagaag ggaggttgaa gcgggacagg 540
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 aggcctagaa cgcgctccct tacgaagtcg atggcctggt aaagatactg gagaccagtc 660
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 gccaaactgat atggatccga cgagcgaagg gccttgtagg aagcaaagat cgggaaaaga 960
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 ca 1022

<210> 13750
 <211> 1197
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13750

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 ctgatatttg ccttcaacgt ccgttttggt ctgtccaaat tggagaccaa gtttatcagt 180
 caccttgga cagctggcgt gtttcgcgtg tacctggtct ccatcggcca gtgatcgtgc 240
 tcctcagcca gacattctg gttcgccaat tgctgtctgc gcgcatcgcg accagtctcc 300
 agtaattact cctacctatc tcctccagag aatcaggcca attatttctt cgacaagcca 360

gatctattcc gcagcctttc gaatcctaaa gaataacctg gccttcgact gtcttcacct 420
gcgcaacgtg ccaactgtcca taattggtcc acggttactt gcgcgttact tcagatccgc 480
cgccttgagt accgctgacg ttatcgctgt aagtcttccc agcagttgaa ccaaggcgtc 540
tgggagtttt caggacccta gcgcgttatt ctctccctg ggcatcaaac cagcctttct 600
cgcccaataa acaataaaaa tagtgcatta gaatttagaa gggcaaccta gcgcaatttc 660
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<210> 13751
<211> 1375
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13751

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ctgcccagagg cctactcccc tctgggctcg cagaaccagg tccctacgac cggtgagcgt 180
gtcagcgaga acaagaccct caacgagatt gccagaagg gcggcaaac cctcgctcag 240
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gcgcgcattg agtccaactt caagaccatc gagctgtccg acgaggacta cgaggccgtc 360
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 cggatttgct accgagaccg aagtagcagg agggcatgtg agccgagcga agccaggaaa 660
 cgatgtaaac gaaactgaag aactagcttt ctctagcttg aacttgggat agaacgaaat 720
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<210> 13752
 <211> 627
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13752

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 acaacttggc ggacatcaag gcgcaagaaa ttggagcgca attgcagaga aactaccggg 180
 cagaacgaac aaagactgcc gcaagcgctg gaccaagatt agtctgagca gtcggaaagg 240
 aacctggact gccgcggagg atcatctttt gcgcaaagcc gtggctaaat tcggctttca 300
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 aaggttcag agatggttgg cagccgtcac cctgaccgta agaatctcca cccaatttgg 420
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acgtaaagcg cgggtccctgg acgatggaag aggacagctc tcttctcgaa gccgtgcaaa 540
 agattggccg ggactggaaa gagatcggac gagagctttt tcccaggctcg gtccacgacg 600
 gatttcaaga accggttaagg gtcaatc 627

<210> 13753
 <211> 923
 <212> DNA
 <213> Aspergillus nidulans

<400> 13753
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 aaaaataccg catccacatg tcaagtcggg tctgtctcga ctgctatgag gtcttggcca 120
 agtacgaggc ccctgcaaat gctacatcgt gatggttccg agatgtataa ccatggaata 180
 cggccaaggg acatgcactg aagcgtctag gtgagaaggt tgactcttct aatgcgtaag 240
 gtgtagaata cctactagtc ctactaaagt gccaatgaca cagagaaaaa ttatagtggg 300
 tgccaatcaa tcatacccag ttagacagta agcgaaacaa cagacctctc cttgcccata 360
 tttcaactga acattgactc gtcactctgcc ccagggtcgg ctaagccagt actgaagcac 420
 caagcgggct agtactgaac aaccagattt aacaggctctc agacacttcg taacgaaaac 480
 acccagtgga cgtaagcagg atcactgagt gatctaactt gcgacgcggg ggctccgaat 540
 tactttctgg tcgtcatgat cggcaaagac actgctcgtg aaccgggggc aggtacaagc 600
 gtatgtgtaa tagtaagggg gactatagag aatggccgtg atgaattgat catctcacag 660
 gcgttattga acttgattag tctcgaacca gctaccctgc tctggatggc tagtaccgct 720
 tgagctcgtc gaaggcgatg ctgttgtttt cacagagaac gacatgccat tcgtatgcat 780
 agtgatggtc tattgtgaag tcggaaaata caagcacgag ctttacatat agttgtaatc 840
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<210> 13754
 <211> 521
 <212> DNA
 <213> Aspergillus nidulans

<400> 13754

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ccttcagctg tatccatgga agtgtatatt cgcaatattc ccttggccct ctatccacct 180
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gccaccgtgg gcgtgctagc tacctccgct gcaataactc tattcttctg cttgcggcgt 480
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<210> 13755
<211> 1223
<212> DNA
<213> *Aspergillus nidulans*

<400> 13755
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aagtaccatg ttgccaattt cagtggagcc gcgggcgaag atgaatgcca cagatttgca 180
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<210> 13756
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13756
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 gtttggtata agtctctaac ttctagaaga aaaccagccc ctacacagcat gcctaaatcg 180
 ctgctgtcac tgaataaata tagaaggagc tgctcaatag cacgttcctg gatctatcaa 240
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 gctgttttct atggacaagc aaacctgcga agagctagct attccgaaac tatgggtgag 360
 agtacatttc cggtaggtgt cattgatagt cgtttttaga cccccacaaa gagggtctct 420
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<210> 13757
 <211> 444
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 13757

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 ttctcgcaaa cattggcggt aatcgctcgg cgtactcaga gcctgtcaat cctgactcgc 180

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 aaaatccatc ttacctgtca aattaaaccg gtcattgcgca ttacagacg cgcaggcacc 300
 atgcactcgg ggatgtgaaa gttcaattgc aatattttgt gtcacacact acaagggact 360
 caggacagat ggactggcca cactctgcac aatccatgac gaccctgtgc aattcaacta 420
 tatgagcgtg gccttttttc agag 444

<210> 13758
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 13758
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 aagaaaaaga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa caaagaaaaa aaaaaaaaaa 240
 aaaaaaaata aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 360
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<210> 13759
 <211> 1406
 <212> DNA
 <213> Aspergillus nidulans

<400> 13759
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 cagacacaca ttcaggggac gtcaggtctc cgccgggtcc caagttccag gagagtgtgt 180
 cgggggttgaa gccgatcaac gcgcgggtca aaccctggga tcccttctcg acttgagcgg 240
 agaaggagcc ggtgtagacg aggttgaagc cccatgcttc gccctgggat tcggtgttac 300
 aagtgtgcac aagggctaag aaggggttga gaaggtggca ggagtagccg gtgctgcttc 360

cgaatctaag gtacgtgggt agtatctggc tccacgttca tagttgacta gtcgtcaaatt 420
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<210> 13760
<211> 488
<212> DNA
<213> *Aspergillus nidulans*

<400> 13760

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gacggctgaa tagtggcaaa tcccggtgtg ttcacagaaa caagcaagta cggatgcttt 240
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gctcgtccaa caactggaat aaacgtatac gcctccgctg ttggtagcat acacagacac 360
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<210> 13761
 <211> 543
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13761

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<210> 13762
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13762

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<210> 13763
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13763

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<210> 13764
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<212> DNA
<213> Aspergillus nidulans
<400> 13764

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<210> 13765
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<212> DNA
<213> Aspergillus nidulans
<400> 13765

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<210> 13766
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13766

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<210> 13767
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13767

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<210> 13768
 <211> 1341
 <212> DNA
 <213> Aspergillus nidulans

<400> 13768

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<210> 13769
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13769

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<210> 13770
 <211> 446
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13770

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<210> 13771

<211> 335

<212> DNA

<213> *Aspergillus nidulans*

<400> 13771

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<210> 13772

<211> 1330

<212> DNA

<213> *Aspergillus nidulans*

<400> 13772

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<210> 13773
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13773

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<210> 13774
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans

<400> 13774

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 <212> DNA
 <213> Aspergillus nidulans

<400> 13775

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 tatacgtgag cagatcgggtg aggatgttga gcgctgcgtt ggccaagtag aagacgttaa 960
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<210> 13776
 <211> 1132
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13776

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 actgcatgcg gactttgaac gtgtaataag caggattgac gttcaagccc cgggatttgt 180
 ctccattatg gctttcagct tccatcagcc cagagtagcg gtctgctgca ggataatatc 240
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 cgccagaatc accgaaccac tagccgtcct acagccaggg caggccagat gcgccagcag 540
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 gcgcgacata ctgacgagtc tatctaaagc aaagcgggtgc ctctgctgtc tcggttaacc 660
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<210> 13777
 <211> 318
 <212> DNA
 <213> Aspergillus nidulans

<400> 13777
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 catataccaa tcttgcttaa tgcgacctga gcattcttg tcgagatgct gaggagagag 180
 gagatctggc aaattccgc gactccgcag tcttcggtca ctagctcagg tctctcgta 240
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 ggcactccgc gtccgcag 318

<210> 13778
 <211> 424
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13778

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 gatgtcctcc gactcacaca catcacgtga gtggcgagac gatgtaatcg gaactgaaag 360

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gcac 424

<210> 13779
<211> 113
<212> DNA
<213> Aspergillus nidulans

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<210> 13780
<211> 524
<212> DNA
<213> Aspergillus nidulans

<400> 13780
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<210> 13781
<211> 242
<212> DNA
<213> Aspergillus nidulans

<400> 13781
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tggcaggaca gcaattagaa agactaaaca acgcacagga atcaaggtgc aaaatgcaga 180
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<210> 13782
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13782

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<210> 13783
 <211> 1483
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13783

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 tttggttagga agttttccgc cgtaagaaaa attttttaaa gaaagggggc caaaaacgag 180
 aacaaattag ggtgctttgt gggcacaatg gttcattagc ataaaggaaa aaagcccaa 240
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 aaaaaagatc gcaaaattgt tggcctccgc ctacgtccg cagtctaccc accacttcct 540
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<210> 13784
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13784

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gcacacaggt cgtgacccga tacaggccta atggcgccgg ttatactgcc acagacagac 240
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<210> 13785
 <211> 1961
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13785

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 aagctatcct ttaagctctg cccaaggtag taccgccgct cttecatgaa cagggtgggtc 180
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 aaattttttt gccggagaga tctcttctt atttttttat c 1961

<210> 13786
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13786

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 ttggagctgg ttattctctt ttactgtaag tcaatcatct tgcacaaggg caaacactga 180
 tcgaagatcc gtaggctata ttgcgagagg cagcacgtca tagtctacta ctacaagttt 240
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ggcgcctatg cgtaatgctg gttctttttg accgtggagc cgaacttgaa tagagcttcg 420
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attttcaaaa gactccaata gaaatatggg taaaatcact acttacgcgc cagactgggc 540
cttatcagtt tccgtaaaca gggtatagca tgcccat 577

<210> 13787
<211> 577
<212> DNA
<213> Aspergillus nidulans

<400> 13787

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<210> 13788
<211> 1014
<212> DNA
<213> Aspergillus nidulans

<400> 13788

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<210> 13789
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13789

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 gtggttgga gctaagctac cagcgacggt gggcccagat acctggaaca agtggaactt 180
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<210> 13790
 <211> 684
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 13790

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<210> 13791
 <211> 413
 <212> DNA
 <213> Aspergillus nidulans

 <400> 13791

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<210> 13792
 <211> 596
 <212> DNA
 <213> Aspergillus nidulans

<400> 13792

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<210> 13793
 <211> 704
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 13793

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tcnnaaaaca annagttgcn nctttgttnc ttcaccggcc cagggganng ccagctgac  480
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<210> 13794
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<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 13794

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<210> 13795
 <211> 152
 <212> DNA
 <213> Aspergillus nidulans

<400> 13795

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<210> 13796
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13796

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13797

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<210> 13798
 <211> 864
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13798

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<210> 13799
 <211> 419
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13799

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<210> 13800
 <211> 1356
 <212> DNA

<213> Aspergillus nidulans

<400> 13800

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<210> 13801

<211> 610

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 13801

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<210> 13802

<211> 573

<212> DNA

<213> Aspergillus nidulans

<400> 13802

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<210> 13803
 <211> 454
 <212> DNA
 <213> Aspergillus nidulans

<400> 13803

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<210> 13804
 <211> 104
 <212> DNA
 <213> Aspergillus nidulans

<400> 13804

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<210> 13805
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13805

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tcccaattct caccacttac ctaccacac tcc 573

<210> 13806
<211> 473
<212> DNA
<213> Aspergillus nidulans

<400> 13806

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<210> 13807
<211> 128
<212> DNA
<213> Aspergillus nidulans

<400> 13807

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tggaacag 128

<210> 13808
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<212> DNA
<213> Aspergillus nidulans

<400> 13808

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<210> 13809
<211> 432
<212> DNA
<213> Aspergillus nidulans

<400> 13809

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cctgccgtca ca 432

<210> 13810
<211> 1052
<212> DNA
<213> Aspergillus nidulans

<400> 13810

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cggccggctg aagtcaggct tgttgctcgc accggattgg ccttcgaggg aaattccgct 240
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<210> 13811
 <211> 1493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13811

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 <211> 536
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 <213> *Aspergillus nidulans*

<400> 13812

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<210> 13813
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<212> DNA
<213> Aspergillus nidulans
<400> 13813

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 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 13814

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<210> 13815
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 <213> Aspergillus nidulans

<400> 13815

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<210> 13816
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13817
 <211> 451
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13818
<211> 435
<212> DNA
<213> Aspergillus nidulans

<400> 13818

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aaccgataat ctatgccaca tcataagccg gatcccaaaa ccaaagaac caaaaccaca 360
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tcccccccc aaacc 435

<210> 13819
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 13819

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<210> 13820
 <211> 137
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13820

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<210> 13821
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 <213> *Aspergillus nidulans*

<400> 13821

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<210> 13822
<211> 404
<212> DNA
<213> Aspergillus nidulans
<400> 13822

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<210> 13823
<211> 471
<212> DNA
<213> Aspergillus nidulans
<400> 13823

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 <213> *Aspergillus nidulans*

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<210> 13825
 <211> 750
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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 aaaaaaccac caacaaaacc acacaccaac accaccacac caacaaacaa aaccccaaac 180

accaccaaca caacacaacc cccccaccac acaacaagca aacaaaaacc caaaacacac 240
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<210> 13826
 <211> 613
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 13827
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<212> DNA
<213> Aspergillus nidulans

<400> 13827

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<210> 13828
<211> 439
<212> DNA
<213> Aspergillus nidulans

<400> 13828

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<210> 13829
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 <212> DNA
 <213> Aspergillus nidulans

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<400> 13836

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<210> 13845
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<212> DNA
<213> *Aspergillus nidulans*

<400> 13845

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<210> 13846
<211> 543
<212> DNA
<213> *Aspergillus nidulans*

<400> 13846

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<210> 13847
<211> 576
<212> DNA
<213> Aspergillus nidulans

<400> 13847
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<210> 13848
<211> 1572
<212> DNA
<213> Aspergillus nidulans

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<210> 13849
 <211> 782
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13849

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<210> 13850
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13850

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<210> 13851
 <211> 2435
 <212> DNA

<213> Aspergillus nidulans

<400> 13851

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13852

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<210> 13853
 <211> 517
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13854
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 <213> *Aspergillus nidulans*

<400> 13854

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<210> 13855

<211> 618

<212> DNA

<213> *Aspergillus nidulans*

<400> 13855

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13856

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<210> 13857
 <211> 805
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13857

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<210> 13858
 <211> 587
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13859
 <211> 494
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13859
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 tgacctctc tcagactcat accagcgtct tgcccaatat cttctctccg atctactcat 180
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<210> 13860
 <211> 610
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 13860

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 13862
 <211> 505
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13862

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<210> 13863
 <211> 1270
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13864
<211> 590
<212> DNA
<213> Aspergillus nidulans

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<210> 13865
<211> 576
<212> DNA
<213> Aspergillus nidulans

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<210> 13866
 <211> 1371
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 13867
<211> 118
<212> DNA
<213> *Aspergillus nidulans*

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<210> 13868
<211> 567
<212> DNA
<213> *Aspergillus nidulans*

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<210> 13869
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13869

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<212> DNA
<213> Aspergillus nidulans
<400> 13870

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<210> 13871
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<212> DNA
<213> Aspergillus nidulans
<400> 13871

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<210> 13872
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13872

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<210> 13873
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13873

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 <212> DNA
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 <400> 13874

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<210> 13875
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 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

 <400> 13876

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<210> 13877
 <211> 571
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13877

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<210> 13878
 <211> 796
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13878

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<210> 13879
 <211> 328
 <212> DNA
 <213> Aspergillus nidulans

<400> 13879

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<210> 13880
 <211> 1528
 <212> DNA
 <213> Aspergillus nidulans

<400> 13880

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 cttgtcatca tgatggtatt ttgcgacgaa ggctcagact taagcttcca gtcgtcccaa 180
 tcatggcacg gagttcgggtg tggacctcga agaagtcggt cgcactgaat ccagtgaacg 240
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 tcagatgact tgcctcgtcc agcgaaggcg caatgcaatt gaagaagaaa caaccatgag 360
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 ggaatcaaga aataacagag cagagaaagt tgaaaagatg tcggacagaa acgagtcgag 480
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<210> 13881
 <211> 276
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13881
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 ccaagctata catggcgact aacagtatga cccgagcgcc tagaaccgga ccagcttgct 180
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<210> 13882
 <211> 464
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13882
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 aacatataca catcccttgg caccgacctt tctatgagtg gcggaagcag cattacaaca 240
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<210> 13883
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13883
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<210> 13884
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 <213> *Aspergillus nidulans*

<400> 13884
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<210> 13885
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13885

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569

<210> 13886
<211> 1085
<212> DNA
<213> Aspergillus nidulans

<400> 13886

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<210> 13887
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<212> DNA
<213> Aspergillus nidulans

<400> 13887

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<210> 13888

<211> 1260

<212> DNA

<213> *Aspergillus nidulans*

<400> 13888

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 <213> *Aspergillus nidulans*

<400> 13889

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<210> 13890
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13890

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 accgtagtgg gaggatatga gtatactggt ggatcattgt tcggcaggaa gagagacccc 480
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<210> 13891
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13891

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 agaaccactg atttctacag actaggacca ggacctggac ctgcctgcta caatcggaac 300
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<210> 13892
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 <212> DNA
 <213> Aspergillus nidulans

<400> 13892

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<210> 13893
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<400> 13893

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<212> DNA
<213> Aspergillus nidulans

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<400> 13897

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 <212> DNA

<213> Aspergillus nidulans

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 <400> 13900

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 <400> 13903

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<211> 256
<212> DNA
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<400> 13904

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tggttggtcca gtagctatcg gttgagcgga atgcagatcc tcacacactc tctcatcagg 180
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cgtcgcaata gatgca 256

<210> 13905
<211> 369
<212> DNA
<213> *Aspergillus nidulans*
<400> 13905

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<210> 13906
 <211> 351
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 13907
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 <212> DNA
 <213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*

<400> 13908

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<210> 13909
<211> 1165
<212> DNA
<213> Aspergillus nidulans

<400> 13909

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<210> 13910
<211> 113
<212> DNA

<213> Aspergillus nidulans

<400> 13910

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<210> 13911

<211> 934

<212> DNA

<213> Aspergillus nidulans

<400> 13911

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<210> 13912

<211> 605

<212> DNA

<213> Aspergillus nidulans

<400> 13912

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tgaggaaaga ccgagcccga ggcgggaggc aacgggcaga cagcatagag atacgtggcc 180

agggagcaaa gggaggacgg cggagacgaa aaggccaaaa gaccggcgtg agaccaagag 240

aagtcggtcg gagacatata gaccgccagt cattcaacag gaccgcgggc agggagagca 300

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atcagtgagc ctggccaaca aaacaggcga gacaaaggtc aggcaagact acacactgag 480

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<210> 13913

<211> 443

<212> DNA

<213> *Aspergillus nidulans*

<400> 13913

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ggtcgcttgc cgggtgtata gactgtgaga ttggggacag gggctgtttg cacgtagagg 180

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<210> 13914

<211> 1120

<212> DNA

<213> *Aspergillus nidulans*

<400> 13914

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<210> 13915

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

<400> 13915

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agtttttaag aaattaagtt tattaatata gtttaattct aaatatattt tctgtttaac 180

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<210> 13916
<211> 604
<212> DNA
<213> Aspergillus nidulans
<400> 13916

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<212> DNA
<213> Aspergillus nidulans
<400> 13917

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<210> 13918
<211> 474
<212> DNA
<213> *Aspergillus nidulans*

<400> 13918

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<210> 13919
<211> 884
<212> DNA
<213> Aspergillus nidulans

<400> 13919

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<210> 13920
<211> 800
<212> DNA

<213> Aspergillus nidulans

<400> 13920

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<210> 13921

<211> 1133

<212> DNA

<213> Aspergillus nidulans

<400> 13921

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<210> 13922
 <211> 682
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13922
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 gctgggcatg atgacgggag ggttcccaa cctattcttt cccatgggac cgcaagcacc 600
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<210> 13923
 <211> 711
 <212> DNA
 <213> Aspergillus nidulans

<400> 13923

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<210> 13924
 <211> 1481
 <212> DNA
 <213> Aspergillus nidulans

<400> 13924

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<210> 13925
 <211> 1473
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13925

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 aatgaacagc acatgatcaa cttgaccatc ttctcatatt gtttgtaact actatagtgc 240

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<210> 13926
 <211> 1115
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13926

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tggcacagag taatattgtg cggaataata aagtcctttg gagcatcact cttccgtaag 180
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<210> 13927
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13927

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 tgctaatac ttagacgcga ccacaactgg cagagacaga ttagaccgg atcagtaacg 180
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<210> 13928
 <211> 1371
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13928

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<210> 13929
 <211> 439
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13929
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 taacgtaaca gatatgggtc ttctcattat tctccttatt ctcatattcg aaaacgtcga 180
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<210> 13930
 <211> 873
 <212> DNA
 <213> *Aspergillus nidulans*

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 aacattctct ggcccgagg gaacaaccgg ggaacttccc ggcagctatt tcacctgatg 180
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<210> 13931
<211> 534
<212> DNA
<213> Aspergillus nidulans

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<210> 13932
<211> 2185
<212> DNA
<213> Aspergillus nidulans

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<210> 13933
<211> 274
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13933

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<210> 13934
<211> 1475
<212> DNA
<213> Aspergillus nidulans
<400> 13934

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<210> 13935
 <211> 1080
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13935

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<210> 13936
 <211> 542
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13936

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<210> 13937
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<212> DNA
<213> Aspergillus nidulans

<400> 13937

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<210> 13938
<211> 1560
<212> DNA
<213> Aspergillus nidulans

<400> 13938

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<210> 13939
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 <212> DNA
 <213> *Aspergillus nidulans*

[illegible]

18321

<210> 13940
 <211> 1355
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13940

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<210> 13941
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 13941

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accaaggata cacgcctcct gttgaacact gacgaatgct atatagggat acgcgatgat  360
taaatacatc cactcacaga natacaatac caagcgattc aactcagacg aactgactg  420
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<210> 13942
 <211> 1786
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 13942

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<210> 13943
 <211> 282
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13943

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 catacgcata ggaggaagga cgagcaaac taccgcgcac cgacattgag gtcaggccga 180

cgcgaaacggg agagaacaga cgagaccatc aagggtccgta tccatatata cagatggcgc 240
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<210> 13944
<211> 1283
<212> DNA
<213> *Aspergillus nidulans*

<400> 13944
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1283

<210> 13945
<211> 587
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13945

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<210> 13946
<211> 428
<212> DNA
<213> Aspergillus nidulans

<400> 13946

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<210> 13947
 <211> 581
 <212> DNA
 <213> Aspergillus nidulans

<400> 13947

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<210> 13948
 <211> 1139
 <212> DNA
 <213> Aspergillus nidulans

<400> 13948

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<210> 13949
 <211> 526
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13949

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 agtatctcgt acacgcaccc gaggcgtaca tccacacgag taagcagagc gcgctgaatt 420
 ctcacgatgc gtaagaccgt cttgccatac aaatgcgtta ctgtgaatga acaaacgctt 480
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<210> 13950
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13950

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<210> 13951
<211> 1215
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 13951

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<210> 13952
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13952

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<210> 13953
 <211> 1237
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13953

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 aacttgacgc caatcccaaa ttactttcat ggtaaaaacg acgcaagtaa gacatcattc 180
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<210> 13954
 <211> 551
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13954

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 ccaacagggg ggaaagaaag caaacggagg acggacaggc ggcaaacaca ccaagcgacg 180
 gccggaagac acacctgaac cgtgaataac ccactagcta ggcaaaagga ccaaaccctg 240
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agtgcgcgct aatacggaca acagtgtcgg ctggacacac aatgaacatg atccacaagc 420
 acacatagac agcgactac tggcaaaaac cgcttgtgag gcacgcgagc acgttcagca 480
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<210> 13955
 <211> 833
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13955
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 gctgttgctc cgcttgtaaa cgttgttggt cctcaaaatc acgctgggct tgetgctgcg 180
 caagtaattg ttggcggtgc tgctcctccc actgctgctg aagacgcagc tgctcggctt 240
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 acctgtgtgc atcgccctca acatgctggt gatgaattta taaatcccggt agctttcttg 660
 cacaagagga accaacgccg agatccggca ctcatgtga gttcctgact ggaagtgcga 720
 gaaaataagt ttctgaaaag catcaatctg atcttgtaga ccataaggt cagtgatggt 780
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<210> 13956
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 <212> DNA
 <213> *Aspergillus nidulans*

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 cggtcgggca gaccagaacg gtggggcatc agcgccagag cggcaactgc caagcggggc 420
 agaagacgca atgccacaga ctgcattcgg ttgattacaa ccgggatgga cgaaccctt 480
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<210> 13957
 <211> 597
 <212> DNA
 <213> Aspergillus nidulans

<400> 13957

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 gcacatgact ctatcatgcy acgagtgggg ctgaatccag acatgatgat agacactcac 180
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 acttgctacc acatcaaacy taccatgcyg caatagaaca ctgagagctc tgcgagctat 480
 ccaagatcat ttctgctgca tatggagatg caatgcggcg tagagcagtc caggtgcaag 540
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<210> 13958
 <211> 1075
 <212> DNA
 <213> Aspergillus nidulans

<400> 13958

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tggatatagat	cagacatatt	agcttgtaag	cgcggtggtc	gttttacaca	tcatgactgt	300
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gtgttccaaa	gctggccacg	caaccgtcca	aattgaccgc	acagagcaag	atttcgatgg	1020
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<210>	13959
<211>	571
<212>	DNA
<213>	Aspergillus nidulans

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<210> 13960
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13960

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<210> 13961
 <211> 1366
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13961

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ctcccttctcg gcctttttct cccttttttc ccttctccgc tcaatgatat cgtaaatatc 300
 aaccgccttc ttatttccgt tcttcttctc tccatcttcc ccatttccac cccaaccatc 360
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<210> 13962
 <211> 436
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13962

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<210> 13963
<211> 1080
<212> DNA
<213> Aspergillus nidulans

<400> 13963

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<400> 13964

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<400> 13966

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<210> 13967

<211> 1209

<212> DNA

<213> *Aspergillus nidulans*

<400> 13967

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<210> 13968
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 13968

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 <213> Aspergillus nidulans
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<211> 1189
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 <213> Aspergillus nidulans

<400> 13970

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<400> 13971

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<400> 13972

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<213> *Aspergillus nidulans*
<400> 13973

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 <213> *Aspergillus nidulans*

<400> 13975

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<210> 13976

<211> 873

<212> DNA

<213> *Aspergillus nidulans*

<400> 13976

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ggatgaagac gggcctgttc taagcggggg agg 873

<210> 13977

<211> 663

<212> DNA

<213> *Aspergillus nidulans*

<400> 13977

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 ccggcacaca gaataactcg atacacctac caccttcaca gactcagacg ccgaaacttt 180
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 aaaagggggc gcacaaaatc ccaaccaagc cgggatagag acaggtccag gggccagaga 300
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 ccccccaacg ggaaaaaaga gggcccaccc ggaccaggaa aaaacgcagg gcaggcgcga 480
 caaagaacag aacaactgcc cagagaccac acacgggaac taaaatcaca aacggaccac 540
 accacgcacc cccccggagg caccaacccg cagttcaaca aggaaaaacc acacccccca 600
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 aac 663

<210> 13978
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 13978

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 cccacacgcc tgcgaccaga gcacccaaaa aacacaggcg gccacacaca aaccnaaccg 480
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<210> 13979
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 13979
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 agatttcgtt atgatccaag ctctggtgcg ccatggcttc cttggcgaac tgtgcattcg 420
 cttcgttggt gtacgtaacg aaagcgacgc cgcgcatgt aagcactctc gtccggtcaa 480
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 tgcggccgac gtaca 555

<210> 13980
 <211> 1678
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 ccaaatttca ttgggggtta atggggccaa aaacaacgtt tttttttttc cccttggggg 1560
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<210> 13981
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13981

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 aagccccaaa accggagcag cgagcagcgg gggacagcac aaccacgacg gcagaccacg 180
 ggagacacgc gacaaacacg cgggagcaac gcggagggag aacaaagcca gaccggagc 240

ccatccggaa ctgaacacag aggcacggat gcggcgggcc cagggccatc ccggacaggg 300
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<210> 13982
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans

<400> 13982

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 aggagagaag cgccagccaa gaaaacacgt ccataccggc tctaaaaaca cgggtcacac 180
 tcaacggtcg gccattaatg cacctcgaat gcttgtagg actgttacca gactgtcgtg 240
 gttcttcatg acttgtagca tcagtagaag cgtgcctaact cgttgaactt ccgcaatgat 300
 gggcttcgaa gcagccagaa gacacccagt gaaggctcag gagggagacc gacttgtagg 360
 ggcatgatgg ctggatgtcc gactggaaca gctcggcccg atggcagaac tactagagca 420
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<210> 13983
 <211> 500
 <212> DNA
 <213> Aspergillus nidulans

<400> 13983

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 ggagagctgt acctgtacgg tgcacagctg ctattggtgg tgcaggctgc atacttgtag 180
 ataagatgga tagattggga gctcgtact ataggggcga caatactggc cgtgagcaag 240
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cagtctatgc aatggggccg atccccgaaga aactccagac cagggagccc gaggatgggt 360
gatgagctgt acggaataac tctccgtacc tatgggataa gctgcactgc gcgttctatt 420
gccagactgg agcaatgctc atgacacaga ctgggtctga aggtccaact ccatgtgcaa 480
aggctctata aacatctacc 500

<210> 13984
<211> 1365
<212> DNA
<213> *Aspergillus nidulans*

<400> 13984

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cagctgaatg atgggatgtc catgactgaa ggacaatata ctgaactata cgattcgatg 180
aaaacagcac tttaacgaag aaatcacccc gagggcccttt tcaactgtcct atccccaccc 240
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tgccctaccg tgtagcttct tgatcatcgc tccaacccc tcatgagaat agtcgttctc 420
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aatcactagc cctttaagat aagtatatgt gaatcaaaag gcaaaatgtg tagtaggggtt 1200
gttctgggtgc cgggtgcacgg taatgataat gatggaaaat tattgaattt aggggttatac 1260
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<210> 13985
<211> 735
<212> DNA
<213> Aspergillus nidulans

<400> 13985

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ggcagacacc cacgcacacc ggtaaggcgc tgcggacgag gcgcacacag acggacggaa 180
aagaaaaagc cggcatggca gccaccaca agcagaaggc ggaaagacag ggaaacacca 240
aaaaggggag acagcgaaga aaggacacag ggagggagga agagcacagg gaagcccca 300
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caaacacaac caaaaggcg cagacccaac cactactaaag gacagggcac accccagacg 540
gagaggacga cgccacaccc ccaacatccg gaaaaaaaaa aggccagccc ccaaacaagg 600
aaagggccgc caaaaaacca gaacccaaaa aaaggggaaa ccgccagaca caaacgacct 660
ggggacgagg gacccgacag ggaaaaaaaaa acaagaccac cccaaaggaa agccaccccg 720
aaggaaaccc cccca 735

<210> 13986
<211> 645
<212> DNA
<213> Aspergillus nidulans

<400> 13986

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tggaacgccg ccccatctca gagatgaggc aggacaagga cgccgtggca gacggatacc 180
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<210> 13987
 <211> 1639
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 13987

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 cgggggaccg tcttgacttt gccttcgatg cggtgagggg agagctacct aaccatcact 180
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<210> 13988
 <211> 604
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 13988

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 aatgactata taaactacag tgcccagagc tagcaccgaa cttggtcgct accgcgtgct 360
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<210> 13989
<211> 588
<212> DNA
<213> Aspergillus nidulans

<400> 13989

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<210> 13990
<211> 508
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 13990

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caactggaat atgactctcg aggtctggaa agatacagac aatatgtcng cgcccatata 360
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<210> 13991
 <211> 642
 <212> DNA
 <213> Aspergillus nidulans

<400> 13991

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 aatatgaacg ctctgtcgt gatgatggc gttcacgcat gggttcagcc agcttgccgc 180
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<210> 13992
 <211> 1913
 <212> DNA
 <213> Aspergillus nidulans

<400> 13992

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 <213> *Aspergillus nidulans*

<400> 14001

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<210> 14002
 <211> 399
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 14003
 <211> 1970
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14004

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<210> 14005
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14005

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14006

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<210> 14007
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<212> DNA
<213> Aspergillus nidulans

<400> 14007

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<210> 14008
<211> 1135
<212> DNA
<213> Aspergillus nidulans

<400> 14008

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<210> 14010
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<210> 14011
<211> 483
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

<400> 14011

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<210> 14012

<211> 1157

<212> DNA

<213> *Aspergillus nidulans*

<400> 14012

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<210> 14013
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14014

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<213> *Aspergillus nidulans*

<400> 14015

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<210> 14016
 <211> 1088
 <212> DNA
 <213> Aspergillus nidulans

<400> 14016

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 <211> 406
 <212> DNA
 <213> Aspergillus nidulans

<400> 14017

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gcggaaggag attagtgcga ggccatgcaa tgataggaag acatggaatg gcggatagta   360
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14018

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14019

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 <211> 559
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14020

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14021

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578

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14022

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<210> 14023
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14023

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14024

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 <212> DNA
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 <400> 14025

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<212> DNA
<213> Aspergillus nidulans

<400> 14026

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<400> 14027

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 <213> Aspergillus nidulans

<400> 14028

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*
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<210> 14032
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 <213> *Aspergillus nidulans*
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<210> 14034
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<212> DNA
<213> Aspergillus nidulans

<400> 14034

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<210> 14036
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

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<210> 14037
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14037

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<210> 14038

<211> 498

<212> DNA

<213> *Aspergillus nidulans*

<400> 14038

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<210> 14039

<211> 1402

<212> DNA

<213> *Aspergillus nidulans*

<400> 14039

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gtgatcgaga ctctaatttt gttatccaat agcgctcgag ctggctgccg aatacaaaat 720
gtacgattgg gtccggggccc tgcttgaccc tacggagatc atccaaagcc catctagcgc 780
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<210> 14040
<211> 532
<212> DNA
<213> Aspergillus nidulans

<400> 14040

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gcctagggtgg atccgaacct tacaaattga tagtgatgcc cctaggaggc cacaccaaca 180
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gggcgaaggg aggtagacaa ggtggacctc ctcgttgaag atctcgtggt gcatgtttga 480
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<210> 14041

<211> 459

<212> DNA

<213> *Aspergillus nidulans*

<400> 14041

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tggtcacctg cgtgcaacac ccgagacctg caggatgaca tgtctggtca cagagctgat 180
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<210> 14042

<211> 537

<212> DNA

<213> *Aspergillus nidulans*

<400> 14042

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gggaagatca tgcttaatga ccttaaccag gagggcctgc tcatctgtac ggccgagcta 120
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<210> 14043
 <211> 1650
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14043

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 caatcatcat cagcgagtac ggggcagaca caatggcggg actgcactct gtgctgggac 240
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 gtagacattt tgatgcatca acatttggcg ttatgccatg cgtcctttct tcccttccat 540
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 cggacagcgg cgccgctcga tgctagcact gggctggcct ggattatgaa gcgggggata 1560
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 ggtgagtggg cgggattgat ccaggggggct 1650

<210> 14044
 <211> 1040
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14044
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 ctgctcttgt tctggctggc caaacactga acgacagacc gcgagttata accctgcctg 240
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 aaataaaata aaaaacaaaa aaagaaagag actaagaacg gccctgctgc agatgatcat 780
 ccccggatcc actctctatg tcacctcgct ttggctgacg aaggccagca tggatgatctt 840
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 gctcggcgca acatggctgg tcttgtttct cgatatcggt ctcaaagct atccgccgaa 960
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 taaaaagggt ctaactgtgc 1040

<210> 14045
 <211> 603
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14045
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 cccctagggg tgatctgacc gaccccgatc acgggcgtcg gagcgcgac agagactggg 180
 agcataactt caccatcaga ttaaggtctg tcctggagac cacgcatctg tgggacagga 240
 gcgtagccga cagattttga tagggagaat agtgactgcc catacctcag agactgctat 300
 atgcaatcaa ggggctacga gcgatgcagc gagccccggt taatggggcg gctggacaac 360
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 cgagagccct gcaaggaagc tacgcccctg acttatggga gcgagactat ggctgacagc 480
 tgcgttacac cacatgcgct gacagagaga acagtgaagt tggatgacttg atgcaattcc 540
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 tga 603

<210> 14046
 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14046

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 aattgcatgg tgttcttgcc gattagcagt cagggttgcgg ctctgatggt gcaggaatg 120
 gtggtagagg ccggtatcag agctgtcaat ctcggtctgg cgagtcggca gcagcagctg 180
 ctgctgccgc tgctgtccag gaggcgagaa cggcagctgt ggtgcttcaa atggcagggg 240
 agatggcgaa agtctgccgc cagggtctgg gggcgtggtc ggcagcagtg atgatagcga 300
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 gcaactgtccg atcgtcagta catagttgac ccgcagcccg ggggatggac gaccttaac 480
 cgccgtcgtc tacaactccg acagccattt ctcgatttgc gatggcggcg acgtgggcga 540
 aatctagctt gtgcttcagc agttagcatg gctataccga ttcgattttt tactttgggt 600
 ctctcttttt gactatgaaa agtgattcta gggcg 635

<210> 14047
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14047

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 acgcacatgt acttactccg agggatcctc tcgaactggg atctcagccc ttaccattgt 180
 accggacagc gcgctctcga attatgtctc gctcaactgg acgagttggg tattccgcat 240
 ctagccgagg acgcgatatc cacacgactg atcaagccct tccgcttgcg ccgcggcgag 300
 caatggatga tggctatgaa agcctggctc tttgagcgcg actctacccc gcttggcgag 360
 tctgttctgg acgacgcgtc cttcgaccag cttcaggccg agctgctcag cgacaaacct 420
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<210> 14048
 <211> 586
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14048

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cggagggcaa agagacaact acaccgacca ccccggcgca agagcgggat gagccccac 120
ggcaggccaa accggcggca tcgccggagc gcacgagatc atagccgaga gcatcctgac 180
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gcaagtggcg aggacgaagc ccacacaccc accaacagcc ggaagtgcc gaggcaccaa 300
aaccaatgcc gaaacaaaca ctgacaaccc tagcccgagg acctcgacca acagaacaca 360
caggcccagg acacggacca gccggaccaa acgccagcac ccctcgacc aacaaccgga 420
gcaaggccac caaccaccac caacgagacg acccagacga ccggaccccc cccacagacc 480
agagggaccc gccacgccc cctccacgcc ccggccagcc ggccggcaat cccacgtacc 540
ccgcaaagcc accaccaccc acgaaccaa gagccacccc aggacc 586

<210> 14049

<211> 382

<212> DNA

<213> *Aspergillus nidulans*

<400> 14049

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ctgctgacat cggagcgatg cttatctgtg gggtggaacg cgagagtagc acctcgctcg 180
acacgacgag atgaggactc acgggagaca agccaggctg gagaatgaag ccacgtctta 240
aaggattcgg caggaggggg gagccggtgt tccaccatga ctgaccgtac ggtgtagcca 300
cttgatagat ccagacgaca agaggcggaa aatccatgac cgggtcgca tatgagagag 360
actgtacaca gccaggaaca cc 382

<210> 14050

<211> 331

<212> DNA

<213> *Aspergillus nidulans*

<400> 14050

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atggttgggg aagtacggac tgttgaggc tgtggagatt ggaggtgagc catgctttgc 120
 aggggcctga catgtgaact gtggcatttg ctgatgcata ggaccaacac tgttactctg 180
 ctataggcga tcatggcagg ggttaaaagg aatgacgggt cttggcggca tacactctgt 240
 atttatgcgc ataaagtgag gaatgacttt gtcggacaga ggatctggcc tgcaatactg 300
 atgacttggt gtcagacgca ttggcaattt g 331

<210> 14051
 <211> 446
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14051

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 cccgagacgg ggactcccat cttcgacaga gcttcacat ggtcctccgt ggctaagcga 180
 tccatcatat gtgctagtag catcaaccaa gggagcaggc ctaaaaatgt cggccatttc 240
 tagacctaca acagccgatg tctcgggttt ggtgataccc atacggcctg gatagggcag 300
 ctgggtgaga actggtggga cctcacactg cattggctca aggaaccggt gacccgggtg 360
 gacatcacag gggcaggcat tgaaagatgt taatgactat cccagtgcgt tggcagtcga 420
 agagtgcacc agctcaagtg aatgct 446

<210> 14052
 <211> 530
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 14052

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 cacacatgga gcccaggagg ttagaggtg gcacaacagg ccttaccag catctcctgt 120
 tatccacacg taccacaatc acatctatgg ggtcccttta taagtgtcat cctaaatttc 180
 tgaacatgtg cagacactga aaagaaagct aggtgatgtt gtctcattca aacaacgagc 240
 gcaaacgtac attctgctga atacacatag aacgctgcta ttttcacaat cccacacgt 300

gggaaaccct acactgtggg tcgggtggcc attcctatgt tcatatcgca gaatgcttaa 360
 tgagtgcaca cttggaaaca gaatatcgag tatgttatat gacacatgat atgcatgctt 420
 gctacaaggc aattgaccgt atcaacacta ctctgaatgc ccagatgccc aaccctagcc 480
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<210> 14053
 <211> 675
 <212> DNA
 <213> Aspergillus nidulans

<400> 14053
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 gggggctcag gagccaacag ctcatgcagc gggggccaac tagaactgcc aacacaaagg 180
 gggaccggcc accgcttgta cattatccca ccctaagaat ggaggtctct gtctacatat 240
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 aaacatagtt ggacttatag gtgatattga cggttgaccg aacaaaaagg ggcaatctaa 600
 caaagggggc accctacggg gacctagggg acgaacgatc cgtagtgccg ggagctgaca 660
 aacaggcggg actac 675

<210> 14054
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 14054

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 ctgggatatt catgcaccta atgcgaccgg ttgactcatc ataacactcg atttgatca 180

cggatgctta tttccccggc cgggtgtcagg tggagagcgt gcatgacacg ccgccagatg 240
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 gctcgccacg ccccaagccg tttctgacat ccttgccgag ggtggactcg cctcggacag 360
 ggtgccctgt gggtttacc actgcgtaaa gccgcacgaa cggtggtagt agtcacacta 420
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<210> 14055
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14055

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 acagtcgcaa gaggcattgcc taggcctcag gctacccac taccgacaac acacaggaca 180
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 cagacggctt acgtatgggg taactcgggtg ataagtgaag ggaggacgcg ctactatgag 360
 ccagcgagtc accatactgc caaacgagcc tacgaagtag gctgatcgtc cgtgagtgtc 420
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 ggtctatacc aa 492

<210> 14056
 <211> 1804
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14056

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 catgcggccc aaggtgatga gaccgtacca gaaaagata ccgcctttga tgaagtgcgc 180
 gaggccgttg aagacttctc tgtctcgctg tgcgttggtta gtaaggccca ttacacagaa 240

gttgctatcc ttacatgat accaccgtaa gtcacgccgc cgctaacaag cgcaatagaa 300
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<210> 14057
 <211> 556
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 14057

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<210> 14058
 <211> 503
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 14058

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503

<210> 14059
<211> 492
<212> DNA
<213> *Aspergillus nidulans*

<400> 14059

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<210> 14060
<211> 547
<212> DNA
<213> *Aspergillus nidulans*

<400> 14060

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<210> 14061
<211> 453
<212> DNA
<213> Aspergillus nidulans

<400> 14061

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<210> 14062
<211> 1459
<212> DNA
<213> Aspergillus nidulans

<400> 14062

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<210> 14063
 <211> 566
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14063

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<210> 14064
 <211> 1345
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14064

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<210> 14065
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14065

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<210> 14066
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14066

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527

<210> 14067
<211> 611
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14067

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<210> 14068
<211> 2068
<212> DNA
<213> Aspergillus nidulans

<400> 14068

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<210> 14069
<211> 370
<212> DNA
<213> *Aspergillus nidulans*

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<210> 14070
<211> 459
<212> DNA
<213> *Aspergillus nidulans*

<400> 14070
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<210> 14071
<211> 1211
<212> DNA

<213> Aspergillus nidulans

<400> 14071

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<210> 14072

<211> 2051

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14072

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<213> Aspergillus nidulans

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<212> DNA
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 <211> 448
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14076

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 <213> Aspergillus nidulans

<400> 14077

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<210> 14078
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 <212> DNA
 <213> *Aspergillus nidulans*
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 <400> 14078

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<212> DNA
<213> Aspergillus nidulans

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caaacacaag caacaacaca cgccaccaa aaccaacaaa cacaccaaca acaaccaaac 540
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<210> 14080
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 14080

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<212> DNA
<213> Aspergillus nidulans

<400> 14081

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<210> 14082
<211> 719
<212> DNA
<213> Aspergillus nidulans

<400> 14082

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<211> 1294
<212> DNA
<213> *Aspergillus nidulans*

<400> 14083

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<210> 14084
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14084

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<210> 14085
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14085

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<212> DNA
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<210> 14087
<211> 610
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 14087

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<210> 14088
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14088

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<210> 14089
<211> 746
<212> DNA
<213> *Aspergillus nidulans*

<400> 14089

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acgacaagcg cacagaaaca gcgcaacaaa caagaaggca ggcacaagca gaaaaacacc 300

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<210> 14090
 <211> 1348
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14090

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<210> 14091
 <211> 378
 <212> DNA
 <213> Aspergillus nidulans

<400> 14091

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<210> 14092
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<400> 14092

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 14093

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 <211> 1399
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14094

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 <211> 1786
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14095

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14096

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14097

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<210> 14098
<211> 528
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 14098

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 tggggccatg gctaacatat cactcattgt ggtaacggta caacagatga agtcctcgga 480
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<210> 14099
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 <212> DNA
 <213> *Aspergillus nidulans*

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 aaaagacaag gaacgaagga aaaaaaaaac cgccaacaca accagaaaga aacacaacgc 660
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<210> 14100
 <211> 1300
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 14101
 <211> 526
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14101

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<211> 1033
<212> DNA
<213> Aspergillus nidulans
<400> 14102

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<210> 14103
 <211> 1470
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14103

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<210> 14104
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 14104

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<210> 14105
 <211> 767
 <212> DNA
 <213> Aspergillus nidulans

<400> 14105

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 gcataggctc aaaggagctg tatcagggtg accagctacc gtttgataag agccgtacag 180
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<210> 14106
<211> 614
<212> DNA
<213> Aspergillus nidulans

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<210> 14107
<211> 842
<212> DNA
<213> Aspergillus nidulans

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<210> 14108
 <211> 538
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 14108

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<210> 14109
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14109

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<210> 14110

<211> 592
 <212> DNA
 <213> Aspergillus nidulans

<400> 14110

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<210> 14111
 <211> 868
 <212> DNA
 <213> Aspergillus nidulans

<400> 14111

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<210> 14112
 <211> 1484
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14112

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<210> 14113
 <211> 575
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14113
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 gcgcgcgggg aaacaacgag cccaagaagg gcccgcacac gggatccgca cgcgggaaca 180
 cgccacccgc ccaaggcaag ccacgcgagc gcagggagcg aaggcaggcc cacgagaggc 240
 gactgaacgc ggcaggccca caggcgacct gaccacgga ccagcgccca aaagacaaga 300
 ccgcgcaagg agccggccga ggcaaggcca acccaacaac acaggacgca gaaggccatc 360
 aagcgccggc ccgagaacca gaccagcaaa gaggatagca gccaaaccgc ggcccgcaca 420
 gcccgcgtaa gggaggagca aaaggagca gacggccggc agcgcgacgg aaagcgccag 480
 aagaaaacc cgggtagaac cggacaggcc agcccaagcc acccaagacc tgacacaacg 540
 ccaggccccc ggaagggacc aagaaccgg ggaca 575

<210> 14114
 <211> 522
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14114
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atgcccgaga ggtgctgcta taccacaggc cgaggctcct ggcaggggta gcaccgaccg 180
gacaggggggt accggtacca tctctggaca ggggtccaaa gaccgggacg aagaggctgg 240
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agagaactat gtacatcaaa ccgagatcgc cataaagagg tgtgacggtc actcgtaaac 420
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<210> 14115
<211> 568
<212> DNA
<213> *Aspergillus nidulans*

<400> 14115
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agcctgacac cgccacgct agcgtcaatc tcgcgaaccc cccgccacca gaagacacac 180
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tgagagaagag ggtgagctag ccggaggctg tgcagcaggc actctcgggg ccgctgacag 300
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gacaagacag actctgtagc gtgtagaggc aaaggagcga actgagcga ggcaccgcgc 480
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cgccgcaggg caagccccta gaggggaa 568

<210> 14116
<211> 408
<212> DNA
<213> *Aspergillus nidulans*

<400> 14116
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tgagcaggggt caaagaaacg gacccggcgg ccgtggcccg aagacagggg agcagaccgg 180
 cggaagatcg tcagcgtccc gaggatacag gcggtggaag acggtgacca agacttggag 240
 gccagagcct tgggcacggt cgcggggtcgg ctaatgagca ggtagctgac caaggcgag 300
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<210> 14117
 <211> 1382
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14117

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 cagcaacgga aaatatcatc gagcaaagat tgagactgag caattgttag tagttgccga 180
 gagttgtaga tggagacaag cctgggaagc gccatcggag aggccgggag gactttaatt 240
 tgtcccgag atcttcttgt gaacctcata tggaggagac tacagacacc gggcgagtc 300
 ttcaaagtac cgagtgtggc ctccatagcag cgattctgca cgctgtcatt ggtcaggaca 360
 catgattcgg ggctagcggc cgcattccgc agctctctcc actctcgtaa gataaacaca 420
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 gtgcgttgcc cccggggccc cggggccgga tcgactagga ggagttcgac ttttcgcac 660
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 tt 1382

<210> 14118
 <211> 394
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14118

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 gcaagcgcga acgaatgtct gctgctatga atccagccaa atctactaca tcaggacgtc 180
 ctaggcgtat ggcgcgactg tggagaggcc gatccaatgg catctaccag cgcagctgta 240
 cgccacgggc tgagcttgta ctgtgccaat agggctgttg gcattagacg aggaaggtag 300
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 cctaagggtc aggtctccag aaaaggctgc caac 394

<210> 14119
 <211> 432
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14119

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 ccggcccgga aaaacccac agggggggga cagcccaaa acacaaggca cccacaaac 180
 gggacacaga cccaaggag accaccgaa ccagaggcag aaggccagcc accgacagag 240
 acgggggggt gagccaagc gcccaagcca cgagggcggg gcgcatagca aacagaaacg 300
 cgccagagcc gggaccccg agaccacca gagtccaacg caggaacaag cagcggaggc 360

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gcgaccaacc ga 432

<210> 14120
<211> 504
<212> DNA
<213> Aspergillus nidulans

<400> 14120

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tgcccacgca cttagtggtg cagacgagac cgaatacaca gaggccagct aagcagagcg 420
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<210> 14121
<211> 1354
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14121

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tatgacacta gaacgcgtca tctacatttg cggggaatgg ggcacatttg atagcactgc 180
caaagtcttc gagaaattct acagtgcgtc tttgcttctt cccctatgat tgcgtatgca 240
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<210> 14122
 <211> 1446
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14122

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<210> 14123
 <211> 2136
 <212> DNA
 <213> *Aspergillus nidulans*

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gaacgccttc atttcagagg gcgtatctcc tccttatatg catcccagct tccccagcgt 2040
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<210> 14124
 <211> 1817
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14124

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 <211> 807
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14125

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ctgcatttgg cgataagcat gaccaaaca ggcacttcaa tgaaagacag ctggagtata 720
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<210> 14126
 <211> 387
 <212> DNA
 <213> Aspergillus nidulans

<400> 14126

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 gcgcgggcaa tctgagacgg cggaggctga agccggtggc atgcgttgat ctagacgcta 360
 atcgctgggt gactggctac cgcgact 387

<210> 14127
 <211> 2816
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 14127

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<210> 14128
 <211> 435
 <212> DNA
 <213> Aspergillus nidulans

<400> 14128

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 tgggtctgggc ctgggataca cacacaggcg atgtattgaa acgatacgtg ggacgtctct 180
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 ggctgcac tcacatatgc tggcggggcg gcctatcatg gggtaagctc cacttgtgcg 300
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 agaaagagca ggacgcaaac aaacagtacc tgtattcggg tgaaattcac tgacaaatac 420
 tgcgagcgtc ttgag 435

<210> 14129
 <211> 413
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14129

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tagtgaagca cttatggcct aacatactgt acatgtcgaa cgccgtctag aagaccaacg 240
gctgtgatga ttacataccg gcgtgtaacg ccattgatac aggtaagtga acataggtgt 300
gcgctactat ttagaccggc taacgtcagg gatagctgtg cccacgtctg atccacgagg 360
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<210> 14130

<211> 491

<212> DNA

<213> *Aspergillus nidulans*

<400> 14130

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cgtcttggga cagagcgggt atatcgaacg ctacctgtgg atcactcgct ggcatggaaa 180
gagttgacac ttattacgat cggtgataaa tggacgacag gccatggcg agcaggcaga 240
gacttgaatg cgagactcgc acgtaactac ggcatgccgc actggagtac agcccgtatg 300
tggacagact gcaggggacg agcgcagcga ccctatggac tgggtgtgagg ctggagagga 360
agagactacg gcagtgatat ctaaacagga cgaaggagac agtatgacga actgtgcgga 420
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tgggctgtac g 491

<210> 14131

<211> 508

<212> DNA

<213> *Aspergillus nidulans*

<400> 14131

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gctgcgggtg ggcccgttt gcataccaac gcggctaggt gccttgtaat gcacttgacc 120

attcagggga tgcttcacac gaggaaggt tgatccaagt aatagaggcc gaaatcctgg 180
 ggctagcagg gtgaaacgtg ggagagagaa gcacgaaaaa tgtccgactg ttacgcgcag 240
 gcgccccaaa ggaccctagc gacgtttttac ctgaaaacaa aaacttcggg acgtacactg 300
 cgggcaatga tcgtttagt cacctggcat gagggttata gtagggctga atagatcaaa 360
 ggcacgagge gagcgttttc ctagctctga cgccccagc gacacttttg acaaaactag 420
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 ggaagaattt ggtcacccaa gtttgtcg 508

<210> 14132
 <211> 428
 <212> DNA
 <213> Aspergillus nidulans

<400> 14132
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 agcccgctctg tcacgcggct acagcgccat cgggtccaac caccttaca aactgctgag 180
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 aacgtgccag ctaacaggga gactactagc ggttctaccg taccggaccg caggggattt 300
 ctgggctact gagttatttc ggggaaggtg ctcccgcat acgatcatga gctcggggtg 360
 gagaatcggc ccagactcca tataaaagca ctttatctga cttaaactg caatatgtga 420
 acaggcca 428

<210> 14133
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 14133
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 gccagtggac taatgatcca cggcaatagc ggtgaggagc gcgtcctcag ccagatgata 180
 gagtgcacca tagttagtag gcgaggtctg tctctttact ggaagcttgt gcctgcacaa 240

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cgcgcggtaa aagacactaa caaatctacc cacctttgcc tgcataattta gatgtagtgg 420
agctcaatgt gctctgaata tggctatgcc actcttgtct gaccgccctg gatttgtctg 480
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<210> 14134
<211> 375
<212> DNA
<213> Aspergillus nidulans

<400> 14134

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<210> 14135
<211> 2419
<212> DNA
<213> Aspergillus nidulans

<400> 14135

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<210> 14136
 <211> 1086
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14136
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atacat 1086

<210> 14137
<211> 297
<212> DNA
<213> Aspergillus nidulans

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tgaagaaata gagcactgga gtttgcctact gcgctatgaa caacgcagcc ctcgatatca 180
caagaagctc cgcgccagca gccggaaggc actggcgaga gtgcaccgaa ccatggcagg 240
ctttcgagaa gggagtgttc tcggcggagg gcacatcttt ggtatccaag gaccaga 297

<210> 14138
<211> 284
<212> DNA
<213> Aspergillus nidulans

<400> 14138
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caggccgggg gagaggcgcg ggccaaaagg gcggggccaa cacggaagcc atgcgaggac 180
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<210> 14139
<211> 1509
<212> DNA
<213> Aspergillus nidulans

<400> 14139
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gcttcgaaaa gcgttacgca catacatgaa cctgaaacaa tgccacaagg aacacgttcc 180
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<210> 14140
 <211> 2327
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14140

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aagaaaaagg agccgaggcg ggagcgctta gtcatcattc tcacgtcaac aaaggtacaa 180
gcctcaagca gttatgaact catacaactc gtgaaactcg actcgaaagc tgttactatc 240
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14141

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14142

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 <213> *Aspergillus nidulans*
 <400> 14143

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<211> 557
<212> DNA
<213> *Aspergillus nidulans*

<400> 14144

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 <211> 483
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14145

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 cgttggttct ggcacataga ctgacgcctc tacttactct cctgattctg atgaactgcg 240
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<210> 14146
 <211> 1094
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14146

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 <212> DNA
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<210> 14148
 <211> 496
 <212> DNA

<213> Aspergillus nidulans

<400> 14148

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<210> 14149

<211> 1567

<212> DNA

<213> Aspergillus nidulans

<400> 14149

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<210> 14151
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 14151
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 gtgtgctatc tttgcatgtg gtataagcga aacgaacagc actaccgggt ggcattattt 180
 ttcagtgccg cgtcgcttgc aggtgcctta ggccggactc ttgcttgggt tagtactttc 240
 attaacttac agagcgggtg gcagcgtatt aatgatttgc aggggaattgc gcatatggat 300
 ggtgtcggag gttatgctgg ttggcgctag atctatatcc tatgtagcag catatggcga 360
 tatgatacag attgcggtat gctaaccagg tgcaggaagg attgctcacg gcagtaatgt 420
 ctgtctgtgc atacctgagg acttacaact acccagctga ccgcgaattc ttgacagata 480
 aggagcgatg ctcgattact tttgcgctaa agcagcacia cgatgcgaca cgcgaggaga 540
 gatctcacgg gcgctggtag tgatgcttta aagaccccaa gcttgct 587

<210> 14152
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans

<400> 14152
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 cagaaaaccga gcttggctag gggagttttt tggttgatag ccgcttgctt ggcttgaatc 120
 gcagtgtaga aatacatgtc ccgaatttgg aaatgcccta ggaactccta ggagcccatc 180
 cgcgactaa agaccgtgag aaccgccggg cgtggctgag aaaggcactc cgacaaaaca 240

gctgcgtccg ggacgggaca gtgctggtca gacgggatat taacttgtga ccaacgccta 300
gactgaggaa gactgagtgc actgtacttg ccgggtacga agagaagaaa aagtgagcat 360
tagtctgtgt atatacctcta gcgtgtactc gacagccaag acctatgcca aggactcgaa 420
gttgagcacc aatgacatga cagttttcat tgcggtggga aggggctata gaatgggaat 480
gcttgggtga acacaagtgt gacaaaactg ccctcccca 520

<210> 14153
<211> 1330
<212> DNA
<213> Aspergillus nidulans

<400> 14153

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taaggagaag cgcgaaactt agctcgatct gctttggaag acctccgtgt acacaacagg 120
aatgggtgtct gtttgatca tgggaccgct gttactctct gcgatatcgt tgacagttta 180
tgcattaacg agaggggagc tttctccgtc agttgccttt acagccctga gcctctttag 240
ctcgttagag tcgtctctcg ccagtctgcc tgatttatcc tccaaggcga tggaggcaaa 300
gattagtgcg gatcggatcg atacctacct gtccctagca gaaaagatgt cgaacacttc 360
tgatgttgag agaatcacct tcaaagacgc aaccgttgca tggccatctg aggatgagaa 420
tgactgggag actgacactg accgtttcgc ctttcgccat ttaacccttg agttccctgt 480
taaggggtcta agtatgattg ttggtaagtc tggctctggc aagagccttc ttctcgctc 540
gatacttggc gaatgcgata tccttgaggc ctgagtaaag gttccgcgtg cgcgcctcc 600
atcacaaagg tttgaccacc tcgcgtgcg tgagaactgg attatcgaca cagctatcgc 660
atacgtagct cagagcccat ggatggaaaa tgcgtcaatc aaggagaata tcttgttcgg 720
actgccgtat gatcggcagc gataccgcca gaccatcttc gcctctgggc tggagaaaga 780
tatgacgatg ctcccgacg gagatctaac tgatataggt gcaaatggga taaatctgag 840
tggcgccag agatggcggg ttccatttgc tcgagctcta tactctcgcg ccggaatcct 900
aatcatggat gacattttca gcgcgttga cgcagaaaca ggccggcatg tctatgaaca 960
cgccttaact ggagaactag gccataacag aacaagaatc ctggcgacgc accatgttgg 1020
cctctgtctc ccgcgcacag actactgtgt cctcttgga aacggcttcg tcacacacgc 1080

agggacagtt gctgaactga atgctaccgg agagttaacg aacctcatgg gtaaagccga 1140
aatcagcaga gaaagagccg agccacctct tcgagagttg ccgaaaccga aacgctcgtc 1200
tgctgctagt actggacggc gttcgtcagc attcagtgcg cggacgatac cgaagttaaa 1260
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tggggaggca 1330

<210> 14154
<211> 438
<212> DNA
<213> *Aspergillus nidulans*

<400> 14154
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agctcatcgt tgtcttcgct gggcacagca gcttgggtag actgccctga aagcccgcta 120
atgcgatgta atggcaaatt ctgatgagcc tatgcctttc cctagccctc agctcgagac 180
ccccatctcg ttactcaca ccagcagccg ttacccttct cctgatcccg agatgatgag 240
ttactgtcac tactgggtta cctattcacc cagaccggct acggataata ctgcttgtag 300
actgatataa tttatgcacg aatatgatgc tgcgacctat aaatgggtcc tcttacctca 360
gaactcatag ggtgtcgttc tttcacatgg tcgtctgtgt aggagacctc tatctcgcta 420
catcaatccc tctgttcg 438

<210> 14155
<211> 928
<212> DNA
<213> *Aspergillus nidulans*

<400> 14155
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gcaggaggta ttgagctggt gttagcgtag agctgagcat actccccgcc tcatagtgtg 120
agcgatgctc tgggtcagca gtatagagta catatcaaaa gttgcttata gtgcagacgt 180
tgcagttgag ccaagtcgct tgaagtagat atggcatgac gtcattcctgc acatataatt 240
gagctatgga gtataccccg gggaacaagc tctgaactcc ggtcattatt agcacgagat 300
ttgagcttaa tgccgaacta aatagttgag atctagcctc gcataggaca atcgtaagaa 360

acctcagcat gagaagaagt ctgacgggat agttcttagt cggggcccg tttgttccgt 420
gtaagaagcc gagtcgggag ctggagcggg agtcattgtc aatcaaccac tcgtttctcc 480
aataacaacg aatacaatct cattactcac cccaattctc cataattata cttatccctg 540
aaaggcagcg tagagctgag cctcaattga cgaacagata ccatgttcag cttaagcaca 600
cgccgctccg ttgcgagtc tccaagtat ctctgtgctg caacgaccgg cgcaaactgt 660
cgatccccgg cagtgaattc attatattat gcctcaacta gagagtttca atccactcca 720
tcacaagccg cgtttcgggc cacctggatg cccatgcgcg tgaaaacgcc atggattgag 780
gctttgaata agagtcggga gcagccccag tcgggcgagg aggaggctcc tcgagccaag 840
ccggatttga cgccaaagag gatggctgat agctattaca gtgctgtcag tattcttacg 900
cttcttcgtt cgaagtgatg tggctgac 928

<210> 14156
<211> 1492
<212> DNA
<213> *Aspergillus nidulans*

<400> 14156
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tatcaaccga gccacgactt tgetcaagca ctgctgctaa cgggacgcca cttttcattc 120
gtttccgctg acaaggcgag ctgcttcagt gactgggttt atatccattc cagagcctcg 180
cgccgtgccg tccagtctcg tctgccgaag gacttcgacg cctcatcga ctgtacgggt 240
gaactacctg aaaacctcat agcctgtctc tcgaggaact gcagggtgct caatatgacg 300
ctccatcagc tcgatggcag ccttctgggc cctgcatatt ctgccgtctc tgcccatgta 360
agttctcga gtattggacc gagcatccga gtcaaagacc tacccttgc tacaccctcc 420
aagctgccga tggttgattg gacaggggtc gacactgttg aattgacgct tcagccgctt 480
agcatgagaa agctattctc atcaagcgcc acttatctgc ttgctggcat gacaggagac 540
cttggctttt cgttaaaccg ctggatgatt gacaatggcg ctcgaaatac ttgcctgacg 600
accggaatc caaacgtcgg cgaagtactg ctgcaagaca tgcgcaggag tggtgccgat 660
attcgagttt tccggaacga tttcaccgac caaatgctg ttcgtactct gggtgagaat 720
atcagattgt caatgccgcc aattgccgga gtcttcaatg cgtgcatggt tctccgggat 780

ggactcttct ctgaaatgga cgttgatacc ctcaatgatc cactcgcgcc caaggctcgac 840
 gggctctaaga ttctggacga catcttccag gacgactctc tcgacttatt cgtcctcttc 900
 tcttccttgg cgagtatcat tggcaatgct ggccaatcca actaccacgc tgcaaacatg 960
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 ccttttattg attcacccaa cgcgactaag cggccccctt gggaacacaa tcctatgttc 1260
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 gcagcagacg tgaaacagct cttgaggtcg acggtctctg gagaagcagt catacctatc 1380
 gtgcaagagg cattcgcaag gaaactcgaa tcgatgatgc agtccctgc caatagtatc 1440
 aatctgaacg tccccttatt gacctgggat gtgactcctt gctggccatt ga 1492

<210> 14157
 <211> 486
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14157

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 cagatttttc tactcggcac actccatgca ctccatga ctagggttg cgaactcaac 120
 catactcgca gacctccgtg ctacgagcc atgtaagagg ctcacacacc cccggtcctg 180
 ccagatgaat gcgtatgcc ggctttgggc ggacaggaca caacaacagg ccacgtgccc 240
 tagtatttct atcacactta tcacgaagag agcgaggggt aaccacgtaa cacagagcga 300
 aaggatattg atgcaagatg cctacatcgt ctataatgcg ctgctatctc cagacatgac 360
 aatggctgta taccgaatcg cctctagggc aatgagacca gtttcaggag acgagtaact 420
 ccctagacag taacgccctg caggagcatc agagcctatg ccatgatgat acgacgcagg 480
 catacg 486

<210> 14158
 <211> 545
 <212> DNA

<213> Aspergillus nidulans

<400> 14158

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ctagacaaca ctttgggtcga gctcaactgt ctcagttagg tgggcgcccc caactggact 120
ctgcaaagct gctggttagct cttccgaacc tgctcctact gcaccaggct ggtaggctc 180
cctgtaagca tcagcttaaat caagggtttt accgtctagg tccttgtcgg attcatcgct 240
gacttcggac tggcctattc aattaaagg ggcctacca gtgttgacc catatgagtt 300
gacgtatgac gaatccaact gcttgcgta gttgccagct acagtgtata tacgcatcta 360
gcgtcactcg gcgatatcag cgaagggtcat gagcatgggc tagtgtggag cattgataca 420
ggtgatggag ttggatgaac gcatggacga gcagtgccca ggcgagtttt ctacacacga 480
ttcctactga tctgcgtaca ggctaagtgt ctctcgttac taatgcagca gcgcaagcct 540
gtttg 545

<210> 14159

<211> 501

<212> DNA

<213> Aspergillus nidulans

<400> 14159

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tcgttacaga tctggaggtc cgctgatac atatacatga ctgaaccaga gcaatagccc 120
tagaagtact aaggctagat atgcctatat ctgtgccgac atatcgagca gattgagccc 180
gagttaaact ggaagtaaaa gcataaagac tgtgtccttg acgcccaggg gccacaacac 240
ggagagctcc agatatagtg atgacttata tacctgcagc aagagtcac tggtgaccag 300
gacatatgca atatgttctg atcgggggct gaactaata ctgtaccacc gagcacggcg 360
aggacggagg aaagggcgct tgaactataa aacagctgct ggctgcgaca cgctcagagc 420
ttgtataatt gcacaaacag gctcaatctg aaagcatgcc atgcaagtat ctgctcactg 480
catgtgacca gctagcagcg a 501

<210> 14160

<211> 480

<212> DNA

<213> Aspergillus nidulans

<400> 14160

gcgctggtgc ttgccggata tacactgggg gtgccgggct cacacgccct cgctctgcat 60
gctgaacggt tcttacgcct gagctctggc acacggtata tccgggggag gctggggatt 120
agggtgctgct ttcaagtgga tgtccttata catgccacca tcgcgactgc cagcttggcc 180
gagcaaccat tcaactacatg cttgtttgtt tcccttatgg actgacactg taagactact 240
gggaacggcc gctaggccct gctcatggca tgcctgacag tattatztat ctacataga 300
ctgccactgt agcttagtgt tggaaccact ttagtacgca ctggcagctc gactaggctg 360
tagaggaccg acccgggtta tgagctctgg ctgaagccag aagctcctgg ctcatatc 420
ccgagagtta cacaacgcgt aggttcttag gcaattcatg gaacagtctg gtagaacca 480

<210> 14161

<211> 516

<212> DNA

<213> Aspergillus nidulans

<400> 14161

ccgggtcgca tcatggagag agaggactac gccgctggac atttttgaca atcgctaga 60
cagccgggca cggtgactac actattacta gggactcctg cacggctcgc gcgtagaatg 120
gagagcccaa cgaatcagca gactgtacat atggcttcta tagcgactga actggcgact 180
gattttgtgg acaagaagct cctcactttg agtgcgatgg cggatctcat aggaagacac 240
aactggtgga gcgcaggaag ccatcaactc aatcgggcat attcaaacac ggatattcag 300
cactgact cagacaccgc aacatcttcc agaacacaat cacagtacta cctgttacat 360
agacgatgga ggtcgggggc tcgatgacgc tgagcgaaag acacacctcg atgagtataa 420
tgcacatga cagcagctt tctaaatcag gtacaagcga cgagcatgac gattgatgct 480
gacaccctag gtgccgttcg tgcattcata gtccgc 516

<210> 14162

<211> 465

<212> DNA

<213> Aspergillus nidulans

<400> 14162

ggaaggaacc ctgctgggga catgatttgc ctgcgagac tattgtagag gcccttgttt 60
ctattataca agaaactcga tggcggatc atgcttagct ggaatcttctt caaacggagt 120
gcatatgact atacgaccaa caattctctg gagaggacaa agaacacaca tgcatatgat 180
gagcgtgctc tccaaaggga aggggaatat aatggaaccg aactggcgg actcagtgtg 240
ccatattggg attaatctca ggactgccat ggctttgtac tgagagagct gaacagatgc 300
acaatggtgg agcatagtac gtaggacagc agctgccatt gcggaccgca tctcatactg 360
ccatgactat agtcaacgac ctggctccag acaggaagct atacaggcgc ggtcgactgg 420
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<210> 14163
<211> 502
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 14163

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aagacgcaaa acgaccggca cagccagggc agcagaccgc acaacgagga aaaggccaag 180
acggggaccg aaggcgnggc aaaggccaag gagcaacacg cgacccccac caggaggagg 240
gagagaaagg ccangcaaga gcgagacgac agggccgacc agcaccaacg ggacaccgcc 300
acgcagaaga gcgacaccgc agagcaaggc cgacaaaaac gaagaccacg gccgaggggg 360
accgaaggcc nccagnngca caaccgagac gcgagacgnc aaagacaagg gcaacagggg 420
ccaaccaag aacagaaacg cgcaagcggc acgcagagac aggacacccc cagcccccaa 480
accggagcgg ggaaacagga ag 502

<210> 14164
<211> 2046
<212> DNA
<213> *Aspergillus nidulans*

<400> 14164

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tcatatatcc gtattacgta tgctttaagt tctgacacgt agccacaacg ctttggtaat 120

acttttgctta gcagccacta tgagcctctc cacagagttt cttgcactca aaaagcgagc 180
 ttttaagtcaa tcccaggccg attctgctca gatcatgtcc tacgagtgag ctgtcacctt 240
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 ccgtaagatg tccctgaatc ctgtgctttg aggtgcacga atacaatcct caaacctcag 1140
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taccctgag gtcgaaaata tggttctgtt caggcaaata cacagaagtc agaagactcg 1920
accgttcgac gaggtttatg agggccact ggcgacagcg actgcaattg ctctgtcaa 1980
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ggatga 2046

<210> 14165
<211> 530
<212> DNA
<213> *Aspergillus nidulans*

<400> 14165
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ggccgacctc agaaatcaag ggagcgttcg aacgtttaat gacatgacac attgatttag 180
ctccatccta tctaccatt cgcaggacat ttccgggtgt ctacaagcta gtaaattggc 240
acttacctgt catccgttca tgtacctggc actaccacgt taccttgcca accctgaata 300
tggtctatga acaagactcc ctggacaact cagaactgac cccatgacta tcattttgac 360
taggaaacca aaggcaatgt gcatctgctc ccttgaaag cctgtcaccg gacgctagtt 420
catgaagacg ccgctttaga agctgtacgc actctcatgc ctgctgagat gaattacgag 480
ccactgcact tctcatgaag tgtctactga tatttctaata gatgtgcctg 530

<210> 14166
<211> 1047
<212> DNA
<213> *Aspergillus nidulans*

<400> 14166
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cacatgggtg tgccacagtt cactgccag ctcatcaatt cgaaattcga ggctgatcat 120
ccattgtcgc gcttatttga acctgcatg cgtcctttaa tggtcttgca gctcgcgtct 180
gtgccacagc cacagtgtg ccgtccttga ccttcgacct tcgccttcgg tgcaagtgtc 240

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agctttaacc gcccttttatt cccgccaagc ttgggggtat attgaccctg atcctgcaac 420
tgcacttgac gtttttttat atccggcttt gatgcctcgt gtagcaagtc gaccctcgtc 480
ttttcaggag ggtaacgaga gtctgctgat gaccgacttg aatcgcccag ctgctcacgc 540
cagcaatggc aacggcagca cgcttcccat acatgatggc cctgagcgac acaaattccg 600
ccgggaactc tttcgagtgc atactgccgg gcaaagtggg aggagcggag ttcacctct 660
gctgttcttc aaggctctgct tcaggagcac ctgtaccctc tctatgatag tcaatgtctt 720
gtggcctttt gttcctgcgg ccgtcgccat acacttcgct cgaccggatc tgcacgtgtg 780
gatattcgcc ctgaattaca tcgcaatggt gccatctgca aatctgcttg gtttcgccgg 840
aggtgagctt gcgaagaagc tccccaaggt gttcggcgtc cttctcgaaa ccacgctcag 900
ttcgggtgga gaaattgtcc tgttcatggt attgatccat aacgaccaag gtggaaacct 960
gatacccgtc atccaagctg ccctcctagg gtcgatactg gcgaatctgc ttctctgcct 1020
gggtctatgc tttttcttcg gaggtct 1047

<210> 14167
<211> 588
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 14167

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aacggcccac gnagagaaca gacgaggag acccaccagc acagggacca aaaccagcgg 180
acagaccgga accacgagcg ggcagggccg ggcaccccg ccaaggggac agaggaccgc 240
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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<211> 2330
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 14169

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<210> 14170
 <211> 525
 <212> DNA
 <213> Aspergillus nidulans

<400> 14170

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14171

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<210> 14172
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14172

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<211> 586
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 14173

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 <211> 1737
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14174

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 <211> 849
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14175

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<210> 14176
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14176

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<210> 14177

<211> 612

<212> DNA

<213> *Aspergillus nidulans*

<400> 14177

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<210> 14178
<211> 618
<212> DNA
<213> *Aspergillus nidulans*
<400> 14178

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<400> 14179

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14181

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<212> DNA
<213> Aspergillus nidulans
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 <213> Aspergillus nidulans

<400> 14185

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 <213> Aspergillus nidulans

<400> 14186

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14187

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<400> 14188

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<210> 14189
<211> 1676
<212> DNA
<213> Aspergillus nidulans
<400> 14189

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<210> 14190
 <211> 656
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14190

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<210> 14191
 <211> 768
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14191

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 ccagactaaa aacacagaaa aagagcccag ccccaccag cagctgcaag gggcgccgcc 660
 gcaaagcccc atcacgggaa ctaccaaac gaaggagacc cgacttccc cgcaccccg 720
 ccccataga aaaaaggga cggcaccgc gcccaacac aagctgac 768

<210> 14192
 <211> 595
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14192

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<210> 14193
 <211> 960
 <212> DNA
 <213> Aspergillus nidulans

<400> 14193
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<210> 14194
 <211> 1869
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 14194

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<210> 14195
 <211> 555
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14195
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<210> 14196
 <211> 542
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14196

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<210> 14197

<211> 635

<212> DNA

<213> *Aspergillus nidulans*

<400> 14197

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agcatggatc cccgcaggcc aggtgaccaa gcggggacat ccctcgaacc agatcacata 480
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gacagacact gcagacaggg ggtaaacctg agatg 635

<210> 14198

<211> 541
 <212> DNA
 <213> Aspergillus nidulans

<400> 14198

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<210> 14199
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 14199

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<210> 14200

<211> 1153
 <212> DNA
 <213> Aspergillus nidulans

<400> 14200

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<210> 14201
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14201

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 <212> DNA

<213> Aspergillus nidulans

<400> 14202

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<210> 14203

<211> 619

<212> DNA

<213> Aspergillus nidulans

<400> 14203

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<211> 477
<212> DNA
<213> Aspergillus nidulans

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 cctgatgata tgaaattctt gggacttgac ttgcttcata caaaacgtta taaactgtaa 660
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<210> 14206
 <211> 467
 <212> DNA
 <213> Aspergillus nidulans

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 gataacatag ctgagccgtt cctgggtccc atgtactatt cctcttggaa cgctcagtc 180
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 tgaagttgac atgaggattg cgagttggaa ggaacggtct ggacgtatcg ggcgtgatca 420
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<210> 14207
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 <212> DNA
 <213> Aspergillus nidulans

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atgttccagt ggcatactg ggagttcacg tcgaagaagg ctgtgacgaa cgattcgccg 180
 tcaggagccc aaacggctgc ggtcactggc tcttggtgtt tgttgatagt gaggagacat 240
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 <213> Aspergillus nidulans

<400> 14208

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 <213> Aspergillus nidulans

<400> 14209

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<210> 14211
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14211

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 <212> DNA
 <213> Aspergillus nidulans

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 <211> 2043
 <212> DNA
 <213> *Aspergillus nidulans*

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1467

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<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 14225

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<213> *Aspergillus nidulans*

<400> 14226

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<400> 14228

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<213> Aspergillus nidulans

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 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*

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 <212> DNA
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 <213> *Aspergillus nidulans*

<400> 14245

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<210> 14247
 <211> 1762
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14247

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<211> 901
<212> DNA
<213> Aspergillus nidulans

<400> 14248

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<210> 14249
<211> 654

<212> DNA
<213> Aspergillus nidulans

<400> 14249

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<211> 1161
<212> DNA
<213> Aspergillus nidulans

<400> 14250

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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

<223> unsure at all n locations
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 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 14259

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<400> 14260

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<210> 14261

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<213> *Aspergillus nidulans*

<400> 14261

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*

<400> 14263

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 <213> *Aspergillus nidulans*
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<400> 14265

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<212> DNA
<213> Aspergillus nidulans
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 <212> DNA
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<212> DNA
<213> Aspergillus nidulans

<400> 14269

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<210> 14270
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<212> DNA
<213> Aspergillus nidulans

<400> 14270

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 <213> Aspergillus nidulans

<400> 14271

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 <213> Aspergillus nidulans

<400> 14272

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<212> DNA
<213> Aspergillus nidulans
<400> 14273

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agacacactg tattca 136

<210> 14274
<211> 237
<212> DNA
<213> Aspergillus nidulans
<400> 14274

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caccacatta tcagaggcac acttgggtgt aggaatgggt aaaggacgcc acaatatagt 180
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<210> 14275
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14275

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 <213> Aspergillus nidulans

<400> 14276

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<212> DNA
<213> Aspergillus nidulans

<400> 14277

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14278

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<210> 14281
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 14282
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14282

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<210> 14283

<211> 868

<212> DNA

<213> *Aspergillus nidulans*

<400> 14283

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<210> 14284

<211> 2347

<212> DNA
<213> Aspergillus nidulans

<400> 14284

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<400> 14286

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 <213> *Aspergillus nidulans*

<400> 14287

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<400> 14288

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 <213> *Aspergillus nidulans*

<400> 14289

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<213> *Aspergillus nidulans*

<400> 14290

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<213> *Aspergillus nidulans*

<400> 14291

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 <213> *Aspergillus nidulans*

<400> 14292

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<212> DNA
<213> Aspergillus nidulans

<400> 14293

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<400> 14297

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<212> DNA
<213> Aspergillus nidulans

<400> 14299

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<210> 14300

<211> 494

<212> DNA

<213> *Aspergillus nidulans*

<400> 14300

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<210> 14301

<211> 522

<212> DNA

<213> *Aspergillus nidulans*

<400> 14301

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<210> 14302

<211> 496

<212> DNA

<213> *Aspergillus nidulans*

<400> 14302

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<210> 14303

<211> 497

<212> DNA

<213> *Aspergillus nidulans*

<400> 14303

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<400> 14306

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<400> 14307

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<210> 14318
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<212> DNA
<213> Aspergillus nidulans

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<210> 14319
<211> 482
<212> DNA
<213> Aspergillus nidulans

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<210> 14320
 <211> 881
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14320

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<210> 14321
 <211> 526
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14321

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<210> 14322
<211> 585
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 14322

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<210> 14323
<211> 1984
<212> DNA
<213> Aspergillus nidulans

<400> 14323

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<210> 14324
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<210> 14326
 <211> 1869
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14326

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<210> 14327

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14327

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<210> 14328
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14328

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<213> Aspergillus nidulans

<400> 14329

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 <400> 14330

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 <400> 14331

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1123

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<400> 14332

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<400> 14333

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<400> 14335

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<400> 14337

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<400> 14338

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gcgaagagcg acaccactca aagacgaact gctgctctga ataagaggca cgaccatggt 480
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<210> 14360
<211> 607
<212> DNA
<213> Aspergillus nidulans

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acacactcgt ggtggaattg tacggtcgat taacaggctg agctgtgcat atcctggagc 180
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<210> 14361
 <211> 562
 <212> DNA
 <213> Aspergillus nidulans

<400> 14361
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 catatttatg agaaggtaca cgccggagta gacactgagt acgagtgaac ggggtggcga 480
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<210> 14362
 <211> 462
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 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 14362

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<212> DNA
<213> Aspergillus nidulans

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<210> 14364
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 14364
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ctacaatatt gacatgcaag gatcaacaac catagaacgc agagaccagc gggtcctggg 300
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<210> 14365
<211> 926
<212> DNA
<213> Aspergillus nidulans

<400> 14365

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<210> 14366
<211> 585
<212> DNA

<213> Aspergillus nidulans

<400> 14366

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<210> 14367

<211> 591

<212> DNA

<213> Aspergillus nidulans

<400> 14367

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<210> 14368

<211> 1936
<212> DNA
<213> *Aspergillus nidulans*

<400> 14368

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<210> 14369
 <211> 585
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14369
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<210> 14370
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14370

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<210> 14371
<211> 587
<212> DNA
<213> Aspergillus nidulans

<400> 14371

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<210> 14372
 <211> 485
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 14372

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 14374
<211> 538
<212> DNA
<213> *Aspergillus nidulans*

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<210> 14375
<211> 1048
<212> DNA
<213> *Aspergillus nidulans*

<400> 14375
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 <212> DNA
 <213> *Aspergillus nidulans*

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402

<210> 14377
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<213> Aspergillus nidulans

<400> 14377

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<212> DNA
<213> Aspergillus nidulans

<400> 14378

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 <213> *Aspergillus nidulans*
 <400> 14379

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<213> *Aspergillus nidulans*

<400> 14380

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<210> 14381
 <211> 1756
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14381

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14382

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 <213> *Aspergillus nidulans*

<400> 14383

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<210> 14384
<211> 567
<212> DNA
<213> Aspergillus nidulans

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<210> 14385
<211> 418
<212> DNA
<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 14387
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans
<400> 14388

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<212> DNA
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<400> 14389

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14392

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 <213> *Aspergillus nidulans*

<400> 14393

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<210> 14394
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<212> DNA
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<210> 14395
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 <213> *Aspergillus nidulans*
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<400> 14397

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

 <400> 14399

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586

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<211> 1950

<212> DNA

<213> Aspergillus nidulans

<400> 14400

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <400> 14402

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 <213> *Aspergillus nidulans*

<400> 14403

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 <212> DNA
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<211> 1858
<212> DNA
<213> *Aspergillus nidulans*

<400> 14405

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<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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<211> 557
<212> DNA
<213> Aspergillus nidulans

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<211> 1467
<212> DNA
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 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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<210> 14413
<211> 545
<212> DNA
<213> *Aspergillus nidulans*

<400> 14413
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<210> 14414
<211> 1972
<212> DNA
<213> *Aspergillus nidulans*

<400> 14414
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<210> 14415
 <211> 1939
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 14415

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<210> 14416
 <211> 589
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14416

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<210> 14417
 <211> 402
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14417

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<210> 14418
 <211> 446
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14418

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 tggcgctatc acccaagata gagacatggg acacacataa aggcacggtc atgagacaga 180
 tgctggggac tccattgtga gagacgtgca atcaggcgct gaaagatatg accaaacaca 240
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<210> 14419
 <211> 428

<212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 14419

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 gcgagaacn gangcngacc gagccacacg cgggagaccg agaagccaac aanggcaaac 360
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<210> 14420
 <211> 1367
 <212> DNA
 <213> Aspergillus nidulans
 <400> 14420

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<210> 14421
 <211> 487
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14421

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<210> 14422
 <211> 1425
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14422

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<210> 14423

<211> 259

<212> DNA

<213> Aspergillus nidulans

<400> 14423

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ttaatcctaa aagacaacgt atgccactaa tggaattcaa aacttatggg gggcactgtc 180
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<210> 14424

<211> 591

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14424

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<210> 14425

<211> 534

<212> DNA

<213> Aspergillus nidulans

<400> 14425

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<210> 14426
 <211> 1271
 <212> DNA
 <213> Aspergillus nidulans

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<210> 14427
<211> 1438
<212> DNA
<213> Aspergillus nidulans

<400> 14427

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<213> Aspergillus nidulans
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<210> 14434

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<212> DNA

<213> *Aspergillus nidulans*

<400> 14434

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<400> 14435

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<211> 2125
<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 14437

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 <213> Aspergillus nidulans

<400> 14438

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14440

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14442

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<211> 434
<212> DNA
<213> Aspergillus nidulans

<400> 14443

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<210> 14444
<211> 361
<212> DNA
<213> Aspergillus nidulans

<400> 14444

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<210> 14445
<211> 356
<212> DNA

<213> Aspergillus nidulans

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<210> 14446

<211> 537

<212> DNA

<213> Aspergillus nidulans

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<210> 14447

<211> 425

<212> DNA

<213> Aspergillus nidulans

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<210> 14448
<211> 564
<212> DNA
<213> Aspergillus nidulans

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<211> 385
<212> DNA
<213> Aspergillus nidulans

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<211> 445
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<213> *Aspergillus nidulans*

<400> 14450

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<210> 14451
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14451

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<210> 14452
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14452

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 <213> Aspergillus nidulans

<400> 14453

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<210> 14454
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14454

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14455

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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14473

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<210> 14474

<211> 1205

<212> DNA

<213> *Aspergillus nidulans*

<400> 14474

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14475

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 <213> *Aspergillus nidulans*

<400> 14476

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
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<400> 14480

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<400> 14482

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<210> 14483
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<400> 14483

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 <213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14490

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14491

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<211> 2733
 <212> DNA
 <213> Aspergillus nidulans

<400> 14492

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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans
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<211> 1926
<212> DNA
<213> *Aspergillus nidulans*

<400> 14496

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 <213> *Aspergillus nidulans*

<400> 14497

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<212> DNA
<213> Aspergillus nidulans

<400> 14498

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<210> 14499
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<212> DNA
<213> Aspergillus nidulans

<400> 14499

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 <213> Aspergillus nidulans
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<210> 14504
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<213> *Aspergillus nidulans*

<400> 14504

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<210> 14505
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<213> *Aspergillus nidulans*

<400> 14505

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<210> 14506
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 <213> Aspergillus nidulans

<400> 14506

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<210> 14507
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 <213> Aspergillus nidulans

<400> 14507

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<210> 14508
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 <212> DNA
 <213> Aspergillus nidulans

<400> 14508

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 14510
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<212> DNA
<213> Aspergillus nidulans

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<210> 14511
<211> 260
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14511

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<210> 14512
 <211> 1597
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14512

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<210> 14513
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 14513

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<210> 14514
<211> 427
<212> DNA
<213> Aspergillus nidulans

<400> 14514

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427

<210> 14515
<211> 414
<212> DNA
<213> Aspergillus nidulans

<400> 14515

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<210> 14516
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 14516

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<210> 14517
<211> 622

<212> DNA
<213> Aspergillus nidulans

<400> 14517

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<210> 14518
<211> 379
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 14519
<211> 552
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14519

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<210> 14520

<211> 302

<212> DNA

<213> Aspergillus nidulans

<400> 14520

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<210> 14521

<211> 1526

<212> DNA

<213> Aspergillus nidulans

<400> 14521

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<210> 14522

<211> 1801

<212> DNA
 <213> Aspergillus nidulans
 <400> 14522

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<400> 14534

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<212> DNA

<213> *Aspergillus nidulans*

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<212> DNA

<213> Aspergillus nidulans

<400> 14537

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<212> DNA
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<400> 14538

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<213> Aspergillus nidulans

<400> 14539

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<213> Aspergillus nidulans

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<211> 517
<212> DNA

<213> Aspergillus nidulans

<400> 14541

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<210> 14542

<211> 1973

<212> DNA

<213> Aspergillus nidulans

<400> 14542

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<400> 14543

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<213> Aspergillus nidulans

<400> 14544

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<211> 458
 <212> DNA
 <213> Aspergillus nidulans

<400> 14546

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 <213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

<400> 14556

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<400> 14557

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 <213> Aspergillus nidulans

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<400> 14565

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<211> 1949
<212> DNA
<213> *Aspergillus nidulans*

<400> 14567

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<400> 14571

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<400> 14573

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<213> *Aspergillus nidulans*

<400> 14624

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<400> 14625

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 14629

<211> 516
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 <213> *Aspergillus nidulans*

<400> 14629

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14630

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<210> 14631
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 <213> *Aspergillus nidulans*

<400> 14631

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 <213> Aspergillus nidulans
 <400> 14632

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14633

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<210> 14634
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14636

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 <213> Aspergillus nidulans

<400> 14637

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<400> 14638

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472

<210> 14639

<211> 556

<212> DNA

<213> Aspergillus nidulans

<400> 14639

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<211> 1561

<212> DNA

<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14642

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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 14644

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<210> 14645
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14645

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14646

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<400> 14651

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<400> 14659

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<400> 14662

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 <213> *Aspergillus nidulans*

<400>

14677

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 <213> *Aspergillus nidulans*

<400> 14678

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14680

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<212> DNA
<213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

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 <212> DNA
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<400> 14685

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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<400> 14687

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 14689

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<212> DNA
<213> Aspergillus nidulans

<400> 14690

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 <212> DNA
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<400> 14691

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<400> 14692

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 <212> DNA
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<400> 14706

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<213> *Aspergillus nidulans*

<400> 14707

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 14725

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2588

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<212> DNA
<213> Aspergillus nidulans

<400> 14726

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<210> 14727
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<400> 14727

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<400> 14728

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 <213> Aspergillus nidulans

<400> 14730

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 <213> *Aspergillus nidulans*

<400> 14731

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14732

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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465

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<211> 532
<212> DNA
<213> Aspergillus nidulans

<400> 14734

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<212> DNA
<213> Aspergillus nidulans

<400> 14735

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<210> 14736
<211> 527
<212> DNA
<213> Aspergillus nidulans

<400> 14736

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<210> 14737
<211> 2441
<212> DNA
<213> Aspergillus nidulans

<400> 14737

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 <211> 561
 <212> DNA
 <213> Aspergillus nidulans

<400> 14738

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 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 14739

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
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<210> 14742
<211> 7012
<212> DNA
<213> *Aspergillus nidulans*

<400> 14742

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14743

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 <213> *Aspergillus nidulans*

<400> 14744

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<210> 14745
 <211> 102
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14745

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<210> 14746
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<212> DNA
<213> Aspergillus nidulans

<400> 14746

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<210> 14747
<211> 308
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14747

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<210> 14748
<211> 519
<212> DNA

<213> Aspergillus nidulans

<400> 14748

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<210> 14749

<211> 464

<212> DNA

<213> Aspergillus nidulans

<400> 14749

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<210> 14750

<211> 1917

<212> DNA

<213> Aspergillus nidulans

<400> 14750

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<212> DNA
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<400> 14751

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<210> 14752
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14752

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<210> 14753
<211> 1941
<212> DNA
<213> *Aspergillus nidulans*

<400> 14753

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 <212> DNA
 <213> *Aspergillus nidulans*
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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<212> DNA

<213> Aspergillus nidulans

<400> 14757

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<400> 14758

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<400> 14759

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<400> 14760

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<400> 14761

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<400> 14771

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 <400> 14772

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<400> 14773

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<400> 14774

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<213> Aspergillus nidulans

<400> 14775

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<212> DNA
<213> Aspergillus nidulans

<400> 14776

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 <400> 14777

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 <212> DNA
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 <213> *Aspergillus nidulans*

<400> 14779

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 <213> Aspergillus nidulans

<400> 14780

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<400> 14781

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 <213> Aspergillus nidulans
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14784

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<211> 562
<212> DNA
<213> *Aspergillus nidulans*
<400> 14785

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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
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<400> 14789

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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<223> unsure at all n locations
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<400> 14793

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 <213> *Aspergillus nidulans*

<400> 14800

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<210> 14801
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14801

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 <213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*
 <400> 14803

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<210> 14804
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 <213> *Aspergillus nidulans*

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<210> 14806
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 14807

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<210> 14808
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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400>

14809

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 <213> *Aspergillus nidulans*

<400> 14810

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<400> 14811

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 14819

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<400> 14821

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 <213> *Aspergillus nidulans*
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<212> DNA

<213> Aspergillus nidulans

<400> 14824

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<211> 1583

<212> DNA

<213> Aspergillus nidulans

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<210> 14840
<211> 1956
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<213> *Aspergillus nidulans*

<400> 14841

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14842

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<400> 14843

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 14845
 <211> 337
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 <213> Aspergillus nidulans
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<210> 14846
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 14846

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<400> 14847

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<210> 14848
<211> 3017
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<400> 14851

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<212> DNA
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<400> 14852

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<400> 14853

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<212> DNA
<213> Aspergillus nidulans

<400> 14855

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<212> DNA
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<210> 14857

<211> 601

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<213> Aspergillus nidulans

<400> 14857

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<212> DNA

<213> Aspergillus nidulans

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<211> 357

<212> DNA

<213> Aspergillus nidulans

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<211> 1822

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
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 <213> Aspergillus nidulans

<400> 14864

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<400> 14869

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<400> 14872

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<400> 14873

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<400> 14877

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<400> 14881

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<400> 14882

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 <213> Aspergillus nidulans

<400> 14883

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14884

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1893

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14885

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<213> Aspergillus nidulans

<400> 14886

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<211> 880
<212> DNA
<213> Aspergillus nidulans

<400> 14887

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<211> 2779
<212> DNA
<213> Aspergillus nidulans

<400> 14888

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 14889

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<210> 14890
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<213> *Aspergillus nidulans*

<400> 14890

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<213> *Aspergillus nidulans*

<400> 14891

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<210> 14892
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<212> DNA
<213> *Aspergillus nidulans*

<400> 14892

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396

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<212> DNA
<213> Aspergillus nidulans

<400> 14893

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<211> 2444
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 14894

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<210> 14905
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <400> 14906

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<212> DNA
<213> *Aspergillus nidulans*
<400> 14907

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2241

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<213> Aspergillus nidulans

<400> 14908

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<400> 14909

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<400> 14910

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<400> 14916

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<400> 14921

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<210> 14922

<211> 519

<212> DNA

<213> *Aspergillus nidulans*

<400> 14922

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<211> 413

<212> DNA

<213> *Aspergillus nidulans*

<400> 14923

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<213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans

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586

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<213> *Aspergillus nidulans*

<400> 14927

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<211> 490
<212> DNA
<213> Aspergillus nidulans

<400> 14928

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<213> Aspergillus nidulans

<400> 14929

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<400> 14931

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<210> 14933
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<212> DNA
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<210> 14934
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<212> DNA
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<213> Aspergillus nidulans

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 <211> 620
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 14951

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 14953

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 14955
 <211> 409
 <212> DNA

<213> Aspergillus nidulans

<400> 14955

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<210> 14956

<211> 469

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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<210> 14957

<211> 551

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 14957

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 <211> 2240
 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<210> 14961
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<212> DNA
<213> Aspergillus nidulans

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<210> 14962
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<212> DNA
<213> Aspergillus nidulans

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<210> 14963
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<212> DNA

<213> Aspergillus nidulans

<400> 14963

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 14966

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<400> 14974

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 <213> Aspergillus nidulans

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<212> DNA

<213> Aspergillus nidulans

<400> 14989

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<213> Aspergillus nidulans
<223> unsure at all n locations
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<400> 14992

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<400> 14996

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 14999

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<210> 15000
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<400> 15005

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<400> 15006

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<400> 15037

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 <400> 15039

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15042

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<211> 972
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 15043

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 <212> DNA
 <213> Aspergillus nidulans

<400> 15044

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<210> 15045
 <211> 355
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 617
<212> DNA
<213> Aspergillus nidulans

<400> 15046

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<210> 15047
<211> 521
<212> DNA
<213> Aspergillus nidulans

<400> 15047

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<210> 15048
<211> 4197
<212> DNA
<213> Aspergillus nidulans

<400> 15048

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<213> Aspergillus nidulans

<400> 15049

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<400> 15052

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 <213> *Aspergillus nidulans*

<400> 15054

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<400> 15055

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<400> 15056

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<400> 15061

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 <400> 15064

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 <212> DNA
 <213> Aspergillus nidulans

<400> 15065

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 <213> Aspergillus nidulans

<400> 15066

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<210> 15068
<211> 649
<212> DNA
<213> Aspergillus nidulans

<400> 15068

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<210> 15069
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<212> DNA
<213> Aspergillus nidulans

<400> 15069

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 15071

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<210> 15072
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 <212> DNA
 <213> Aspergillus nidulans

<400> 15072

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<210> 15073
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 <212> DNA
 <213> Aspergillus nidulans

<400> 15073

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 <212> DNA
 <213> Aspergillus nidulans

<400> 15074

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<210> 15075
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 15076
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15076

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<400> 15078

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<400> 15081

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<213> Aspergillus nidulans
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<400> 15088

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 15089

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<211> 542
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 15092

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<210> 15093
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<212> DNA
<213> *Aspergillus nidulans*

<400> 15093

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<210> 15094
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 <213> *Aspergillus nidulans*

<400> 15094

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 <211> 525
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 15095

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<400> 15096

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<212> DNA
<213> Aspergillus nidulans

<400> 15097

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<210> 15104

<211> 530
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 15104

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 gtgaacctgc aattatagtc accaggcgca ccgatgcacg taggcttgat tgatgtgcga 480
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<210> 15105
 <211> 756
 <212> DNA
 <213> Aspergillus nidulans
 <400> 15105

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<210> 15106
 <211> 2399
 <212> DNA
 <213> Aspergillus nidulans

<400> 15106

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<210> 15107
<211> 670
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 15107

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<210> 15108
 <211> 194
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15108
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<210> 15109
 <211> 573
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15109
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 ctatctgaga atcggctgca cgagacatag gatcataact gtcgcacaga atggacagg 180
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 tgtctttgca ttgcacgctc tcaagaaagg agcgcgctga agtgaacgcc taatgatcaa 360

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<210> 15110
 <211> 160
 <212> DNA
 <213> Aspergillus nidulans

<400> 15110

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 aagggtgagc agcgaccgtc tcactataac acggagtaga 160

<210> 15111
 <211> 475
 <212> DNA
 <213> Aspergillus nidulans

<400> 15111

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 tgagactgag gctataacc cccgcctgta ccatgctgta cagcacggac tgagacatga 180
 tgggtgccgac atagggccca gccatggtga tcgcggccgg tgctgcgctc aaactgcatg 240
 aacctacaca ggccggcgga cacagaagcg gcctcccgaa ggagactgag ccgcattcta 300
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<210> 15112
 <211> 885
 <212> DNA
 <213> Aspergillus nidulans

<400> 15112

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 cgtaggaccc taaagtgtca gagacctcgg taatgcatga aataccgta gttttgggtc 180
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<210> 15113
 <211> 905
 <212> DNA
 <213> Aspergillus nidulans
 <400> 15113

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<210> 15114
 <211> 1099
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15114

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<210> 15115
 <211> 2269
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15115

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<210> 15116
 <211> 882
 <212> DNA
 <213> Aspergillus nidulans
 <400> 15116

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<210> 15117
 <211> 1556
 <212> DNA
 <213> Aspergillus nidulans
 <400> 15117

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 <400> 15130

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 15131

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<212> DNA
<213> Aspergillus nidulans

<400> 15132

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<210> 15133

<211> 598

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 15133

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<211> 369
<212> DNA
<213> Aspergillus nidulans

<400> 15134

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<210> 15135
<211> 451
<212> DNA
<213> Aspergillus nidulans

<400> 15135

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<211> 564
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 15136

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<212> DNA
<213> Aspergillus nidulans

<400> 15137

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 <211> 2039
 <212> DNA
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 <400> 15138

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<400> 15154

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 <400> 15156

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<400> 15157

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 <211> 518
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 <213> *Aspergillus nidulans*

<400> 15165

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<210> 15166
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15166

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<210> 15167
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15167

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<210> 15168
<211> 531

<212> DNA
<213> Aspergillus nidulans

<400> 15168

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 15169

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<210> 15170

<211> 587
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 15171
 <211> 547
 <212> DNA
 <213> Aspergillus nidulans
 <400> 15171

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<210> 15172
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 15172

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 15173

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<210> 15174
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 <212> DNA
 <213> Aspergillus nidulans

<400> 15174

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<210> 15175
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 15176
<211> 4263
<212> DNA
<213> *Aspergillus nidulans*

<400> 15176

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648

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<212> DNA

<213> Aspergillus nidulans

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<400> 15188

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<212> DNA

<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15197

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<400> 15198

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 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

<400> 15200

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<213> Aspergillus nidulans

<400> 15201

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<210> 15202

<211> 3185

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 15202

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 <211> 482
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 <213> *Aspergillus nidulans*
 <400> 15203

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<210> 15205
 <211> 511
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 15206
<211> 1890
<212> DNA
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<400> 15208

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 <213> Aspergillus nidulans

<400> 15211

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<400> 15214

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<400> 15217

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<400> 15219

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<400> 15220

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<400> 15223

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<400> 15228

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<210> 15229

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 <212> DNA
 <213> Aspergillus nidulans
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<400> 15231

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<400> 15232

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 <213> *Aspergillus nidulans*

<400> 15233

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<400> 15235

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<400> 15236

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<400> 15240

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<400> 15242

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<213> Aspergillus nidulans

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<211> 436

<212> DNA

<213> Aspergillus nidulans

<400> 15251

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<210> 15252

<211> 894

<212> DNA

<213> Aspergillus nidulans

<400> 15252

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 <400> 15253

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15254

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<400> 15255

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<400> 15257

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<210> 15258

<211> 391

<212> DNA

<213> *Aspergillus nidulans*

<400> 15258

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<210> 15259

<211> 1505

<212> DNA

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<400> 15259

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 <400> 15260

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<400> 15264

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 <211> 800
 <212> DNA
 <213> Aspergillus nidulans

<400> 15268

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 <213> Aspergillus nidulans

<400> 15269

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 <213> Aspergillus nidulans
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591

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<212> DNA
<213> *Aspergillus nidulans*

<400> 15271

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 <211> 348
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 15272

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<210> 15273
 <211> 802

<212> DNA
<213> Aspergillus nidulans

<400> 15273

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<210> 15274
<211> 2086
<212> DNA
<213> Aspergillus nidulans

<400> 15274

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2086

<210> 15275
<211> 539
<212> DNA
<213> *Aspergillus nidulans*

<400> 15275

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<210> 15276
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<212> DNA
<213> *Aspergillus nidulans*

<400> 15276

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 <211> 2281
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15277

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<213> Aspergillus nidulans

<400> 15280

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 <213> *Aspergillus nidulans*

<400> 15282

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<400> 15284

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<213> *Aspergillus nidulans*

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 <211> 2042
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 15292

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 <211> 423
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 15294
 <211> 482
 <212> DNA

<213> Aspergillus nidulans

<400> 15294

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<210> 15295

<211> 451

<212> DNA

<213> Aspergillus nidulans

<400> 15295

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<210> 15296

<211> 598

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 15296

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<210> 15297
<211> 3012
<212> DNA
<213> *Aspergillus nidulans*

<400> 15297

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<210> 15298
<211> 469
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 15298

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<210> 15299
<211> 663
<212> DNA
<213> *Aspergillus nidulans*

<400> 15299

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<210> 15300

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 15300

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<210> 15301

<211> 1116

<212> DNA

<213> *Aspergillus nidulans*

<400> 15301

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<210> 15302
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans

<400> 15302

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<210> 15303
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15303

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<210> 15304
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15304

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15305

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<210> 15306
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15306

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<211> 489
<212> DNA
<213> *Aspergillus nidulans*
<400> 15307

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<210> 15308
<211> 511
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 15308

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<210> 15309
<211> 3404
<212> DNA
<213> Aspergillus nidulans
<400> 15309

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<212> DNA
<213> *Aspergillus nidulans*

<400> 15310

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<211> 449
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 15311

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<210> 15312

<211> 4110

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 15312

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<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15323

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<210> 15324
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15324

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<210> 15325
 <211> 575
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15325

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<210> 15326
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15326

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 <213> *Aspergillus nidulans*
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 15329
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 15330
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15330

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15331

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 15333
 <211> 2962
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 15333

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 <400> 15337

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<210> 15346

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<212> DNA

<213> *Aspergillus nidulans*

<400> 15346

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<213> *Aspergillus nidulans*

<400> 15347

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<400> 15348

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<213> *Aspergillus nidulans*

<400> 15349

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<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 15351

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<210> 15352
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15352

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<212> DNA
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<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 15361

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<211> 940
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<213> *Aspergillus nidulans*

<400> 15364

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 <213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<211> 1848

<212> DNA

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<400> 15421

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<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 15465

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 <212> DNA
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<400> 15466

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 <212> DNA
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<213> *Aspergillus nidulans*

<400> 15468

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 <213> Aspergillus nidulans

<400> 15469

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
 <400> 15471

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<210> 15472
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15472

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15473

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<400> 15474

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<212> DNA
<213> Aspergillus nidulans

<400> 15475

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<211> 655
<212> DNA
<213> *Aspergillus nidulans*
<400> 15490

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<210> 15491
 <211> 2796
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15491

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<210> 15492
<211> 397
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 15492

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cgaggaggac agacaaaaag caacgcagga gccagagaaa caaacacac cggaacaagag 180
caccaggaga cgaggacaac cagaaagcac agaacaggca gcggcgggga acaggcaccg 240
cacgcaaaga ggagcgact gaggaggcaa tagccttgac tgcgatgcc acacaggcaa 300
gacgcagttg ggaaaaggag accgttgac gcacaggag cgcgaggag acggaacggg 360
aactgcaaaa gccacaagag gacaaagcgg ggcaaca 397

<210> 15493
<211> 471
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 15493

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accgtacgca aaccagcaac accggccaac gcgaggcnc ggnacggggc gaaaccggcg 300
ccgccgcgca agcacgcaag gagacacaca agaaccgcac cgcagagcag cagaaggaaa 360
caggagaacg cgaacccaag aacncgcaag aaacaccgg cccaacaggg caccagacac 420

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471

<210> 15494
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 15494

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gacagtgaga gccaaggctc tatagccatc cagacaagga gtggcctggt tatacttgcc 360
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<210> 15495
<211> 340
<212> DNA
<213> Aspergillus nidulans

<400> 15495

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gtggcttatt cttgatacaa acttgtgttg cttccagatt acgctagtta cattagctct 240
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atcaatcaca tctgcgtcct ttctgcatcc acttgataag 340

<210> 15496
<211> 615
<212> DNA
<213> Aspergillus nidulans

<400> 15496

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aatgacacat acgctcgtgc ggttttatgg tgaagtctac gcaataccac tccgtattcc 300
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agaccccgga tagttgacgc actctctacg gggcggtga tcacggcttt gaccgacgag 540
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<210> 15497
<211> 478
<212> DNA
<213> *Aspergillus nidulans*

<400> 15497

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gagtaagctg agtgtagggc cattcatgca tcatgtgtct gatctaacta tcagataatc 180
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<210> 15498
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<212> DNA
<213> *Aspergillus nidulans*

<400> 15498

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<210> 15499
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15499

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<210> 15500
<211> 4686
<212> DNA
<213> Aspergillus nidulans

<400> 15500

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<211> 607
<212> DNA
<213> Aspergillus nidulans
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<400> 15509

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<213> Aspergillus nidulans

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<400> 15512

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<212> DNA
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<400> 15515

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<400> 15516

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<400> 15517

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 <223> unsure at all n locations
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 <213> Aspergillus nidulans

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<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 15523

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cacaccacaa acaacgaaag gagagacaaa aaccaggaac acaggacgaa aacgaaggag 480
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<210> 15532
<211> 556
<212> DNA
<213> Aspergillus nidulans

<400> 15532

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<210> 15533
<211> 208
<212> DNA
<213> Aspergillus nidulans

<400> 15533

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atttccttat attcagacct tttgcact 208

<210> 15534
<211> 3221
<212> DNA

<213> Aspergillus nidulans

<400> 15534

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<210> 15535
 <211> 526
 <212> DNA
 <213> Aspergillus nidulans

<400> 15535

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<210> 15536
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 15536

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<210> 15537
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15537

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<210> 15538
 <211> 3235
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 15538

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<210> 15539
 <211> 797
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 15539

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<210> 15540
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 15540

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<400> 15541

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<400> 15542

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<400> 15543

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<213> *Aspergillus nidulans*

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<210> 15545

<211> 2121

<212> DNA

<213> *Aspergillus nidulans*

<400> 15545

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 <213> *Aspergillus nidulans*

<400> 15546

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 <213> *Aspergillus nidulans*

<400> 15548

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 <213> *Aspergillus nidulans*

<400> 15564

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<400> 15565

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<400> 15566

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<212> DNA
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<400> 15567

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<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 15568

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<400> 15569

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